NAOX8850 - OXALATE

Scheda di Dati di Sicurezza / Safety Data Sheet

Conforme all'Allegato II del REACH - Regolamento (UE) 2020/878 According to Annex II to REACH - Regulation 2020/878

Codice / Code: NAOX8850

Nome prodotto / Product name: OXALATE

Descrizione d'uso / Intended use: Determinazione quantitativa colorimetrica metodo Trinder

dell'ossalato nelle urine/Oxalate quantitative colorimetric Trinder

method assay on urine

Fornitore / Supplier: Mascia Brunelli S.p.A.

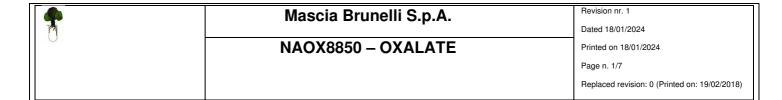
Viale Monza 272, 20128 Milano, Italia.

Tel.: 0039 02 252091

E-mail: mktg@masciabrunelli.it

Componenti del kit / Kit components:

- 1. R1 buffer
- 2. R2 oxox, POD
- 3. R3 purifier tubes
- 4. R4 DIL
- 5. R5 CAL



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Code: NAOX8850

Product name: OXALATE_R1 (reagent)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use: Reagent for in-vitro diagnostic

1.3 Details of the supplier of the safety data sheet

Name Full address District and Country Mascia Brunelli S.p.A. Viale Monza, 272 20128 Milano (Milano)

Italia

Tel. 0039 02 252091

e-mail address of the competent person

responsible for the Safety Data Sheet mktg@masciabrunelli.it

1.4 Emergency telephone number

For urgent inquiries refer to

NHS111 in England: 111 NHS24 in Scotland: 111

NHS Direct in Wales: 111 or 0845 4647

In an emergency, if the patient has collapsed or is not breathing properly, call 999

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication: -

2.2 Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3 Other hazards

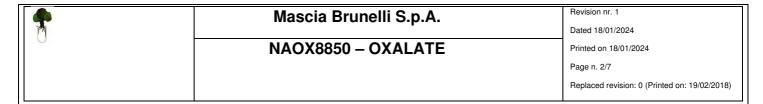
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

SECTION 3: Composition/information on ingredients

3.1 Substances

Irrilevant



3.2 Mixtures

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and supplements) in such quantities as to require the statement.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: air the area. Immediately move the patient from the contaminated area and keep him at rest in a well-ventilated area. If you feel unwell seek medical advice.

Direct skin contact (of the pure product): wash thoroughly with soap and water.

Direct eye contact (of pure product): wash immediately with plenty of water for at least 10 minutes.

Ingestion: not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine.

4.2. Most important symptoms and effects, both acute and delayed

Information not available

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5: Fire fighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: Foam. Dry powder. Carbon dioxide. Water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Water jets. Use water jets only to cool container surfaces exposed to fire.

5.2. Special hazards arising from the substance or mixture

Information not available

5.3. Advice for firefighters

Use respiratory protection. Safety helmet and full protective clothing. Water spray can be used to protect people engaged in extinguishing. It is also advisable to use self-contained breathing apparatus, especially, if working in enclosed and poorly ventilated places and in any case if halogenated extinguishing agents (fluobrene, solkan 123, NAF, etc.) are used. Cool containers with jets of water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- 6.1.1 For non-emergency personnel: leave the area surrounding the spill or release. Do not smoke. Wear gloves and protective clothing.
- 6.1.2 For emergency responders: Wear gloves and protective clothing. Eliminate all unquarded flames and possible sources of ignition. Do not smoke. Provide adequate ventilation. Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spills with earth or sand. If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities. Dispose of the residue in accordance with applicable regulations.

6.3. Methods and material for containment and cleaning up

6.3.1 For containment. Collect the product for reuse, if possible, or for disposal. If possible, absorb it with inert material. Prevent it from entering the



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sewage system.

6.3.2 For cleanup. After collection, wash the affected area and materials with water.

6.3.3 Other information: None in particular.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors. Do not eat or drink while working. See also section 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers. Keep containers upright and safe by avoiding the possibility of falls or collisions. Store in a cool place, away from any source of heat and direct exposure to sunlight.

7.3. Specific end use(s)

Professional uses:

Handle with care.

Store in ventilated place and away from heat sources.

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

Appropriate engineering controls:

Professional uses:

No specific controls provided

Individual protective measures:

HAND PROTECTION

None required for normal use.

SKIN PROTECTION

None required.

EYE PROTECTION

None required for normal use.

RESPIRATORY PROTECTION

None required for normal use.

ENVIRONMENTAL EXPOSURE CONTROLS

Use according to good working practices, avoiding spillage into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties



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Properties Value Information

Appearance liquid Colour colorless Odour Not determined Melting point / freezing point Not determined Initial boiling point Not determined Flammability Not determined Lower explosive limit Not determined Upper explosive limit Not determined Flash point Not determined Auto-ignition temperature Not determined Not determined Not determined Kinematic viscosity Solubility Not determined Partition coefficient: n-octanol/water Not determined Vapour pressure Not determined Density and/or relative density Not determined Relative vapour density Not determined Particle characteristics Not determined

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

Does not decompose when used for its intended uses.



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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = ∞ ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

- (a) acute toxicity: based on available data, the classification criteria are not met
- (b) skin corrosion/dermal irritation: based on available data, the classification criteria are not met
- (c) severe ocular damage/eye irritation: based on available data the classification criteria are not met
- (d) respiratory or skin sensitization: based on available data the classification criteria are not met
- (e) germ cell mutagenicity: based on available data the classification criteria are not met
- (f) carcinogenicity: based on available data the classification criteria are not met
- (g) reproductive toxicity: based on available data the classification criteria are not met
- (h) specific target organ toxicity (STOT) single exposure: based on available data the classification criteria are not met
- (i) specific target organ toxicity (STOT) repeated exposure: based on available data the classification criteria are not met
- (j) aspiration hazard: based on available data, the classification criteria are not met.

11.2. Information on other hazards

Information not available

SECTION 12: Ecological information

12.1. Toxicity

Use according to good working practices, avoiding dispersing the product into the environment.

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

12.6. Endocrine disrupting properties

Information not available

12.7. Other adverse effects

No adverse effects observed

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with current regulations. Any product residues should be disposed of according to current regulations by contacting authorized companies. Recover if possible. Operate according to current local or national regulations.



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SECTION 14: Transport information

14.1. UN number or ID number

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

No data available

14.7. Maritime transport in bulk according to IMO instruments

There is no provision for bulk transport

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

D.Lgs 3/2/1997 No. 52 (Classification, packaging and labeling of dangerous substances), D.Lgs 14/3/2003 No. 65 (Classification, packaging and labeling of dangerous preparations), D.Lgs 81/08 (Consolidated text on the protection of health and safety in the workplace), D. M. 03/04/2007 (Implementation of Directive No. 2006/8/EC), Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) No. 790/2009, Legislative Decree 105/2015 (Seveso Ter Directive), Regulation (EU) 2019/1021, Regulation (EU) 2020/878. Substances on Candidate List (art.59 REACH).

Based on available data, there are no SVHC substances present.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16: Other information

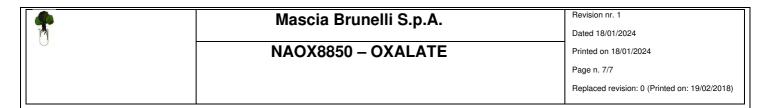
Classification and procedure used to derive it under Regulation (EC)1272/2008 [CLP] in relation to mixtures:

No hazard to report.

Classification procedure: Calculation method.

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EC) 758/2013 of the European Parliament
- 4. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 6. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament 7. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 8. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 9. Regulation (EU) 517/2013 of Council



- 10. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament 11. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2015/491 of the European Parliament
- 13. Regulation (EU) No. 1297/2014 of the Commission
- 14. Regulation (EC) 528/2012 of the European Parliament and subsequent updates
- 15. Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index.
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
 INRS Fiche Toxicologique
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition

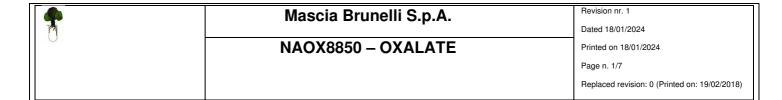
Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

This SDS replaces and cancels all previous ones.



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Code: NAOX8850

Product name: OXALATE_R2 (reagent)

1.2 Relevant identified uses of the substance or mixture and uses advised againstIdentified use: Reagent for in-vitro diagnostic

1.3 Details of the supplier of the safety data sheet

Name Full address District and Country Mascia Brunelli S.p.A. Viale Monza, 272 20128 Milano (Milano) Italia

Tel. 0039 02 252091

e-mail address of the competent person

responsible for the Safety Data Sheet mktg@masciabrunelli.it

1.4 Emergency telephone number

For urgent inquiries refer to

NHS111 in England: 111 NHS24 in Scotland: 111

NHS Direct in Wales: 111 or 0845 4647

In an emergency, if the patient has collapsed or is not breathing properly, call 999

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication:

2.2 Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3 Other hazards

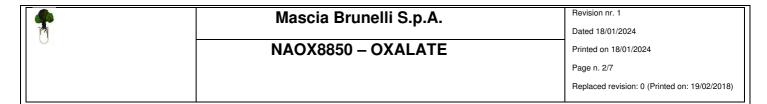
On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration >= 0.1%.

SECTION 3: Composition/information on ingredients

3.1 Substances

Irrilevant



3.2 Mixtures

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and supplements) in such quantities as to require the statement.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: ventilate the environment. Immediately move the patient from the contaminated area and keep him at rest in a well-ventilated area. If you feel unwell seek medical advice.

Direct skin contact (of the pure product): wash thoroughly with soap and water.

Direct eye contact (of pure product): wash immediately with plenty of water for at least 10 minutes.

Ingestion: not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine.

4.2. Most important symptoms and effects, both acute and delayed

Information not available

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5: Fire fighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: Foam. Dry powder. Carbon dioxide. Water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Water jets. Use 'water jets only to cool container surfaces exposed to fire.

5.2. Special hazards arising from the substance or mixture

Information not available

5.3. Advice for firefighters

Use respiratory protection. Safety helmet and full protective clothing. Water spray can be used to protect people engaged in extinguishing. It is also advisable to use self-contained breathing apparatus, especially, if working in enclosed and poorly ventilated places and in any case if halogenated extinguishing agents (fluobrene, solkane 123, naf etc.) are used. Cool containers with jets of water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- 6.1.1 For those not taking direct action: Move away from the area surrounding the spill or release. Do not smoke. Wear gloves and protective clothing.
- 6.1.2 For direct interveners: Wear gloves and protective clothing. Eliminate all open flames and possible sources of ignition. Do not smoke. Provide adequate ventilation. Evacuate the hazard area and, if necessary, consult an expert.

6.2. Environmental precautions

Contain spills with soil or sand. If the product has flowed into a watercourse, sewage system or contaminated soil or vegetation, notify the appropriate authorities.

Dispose of the residue in accordance with applicable regulations.



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6.3. Methods and material for containment and cleaning up

- 6.3.1 For containment. Collect the product for reuse, if possible, or for disposal. If possible, absorb it with inert material. Prevent it from entering the sewage system.
- 6.3.2 For cleanup. After collection, wash the affected area and materials with water.
- 6.3.3 Other information: None in particular.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors. Do not eat or drink while working. See also section 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers upright and secure, avoiding the possibility of dropping or knocking. Store in a cool place, away from any source of heat and direct exposure to sunlight.

7.3. Specific end use(s)

Professional uses:

Handle with caution.

Store in ventilated place and away from heat sources.

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

Suitable engineering controls:

Professional uses:

No specific controls provided

Personal protective measures:

HAND PROTECTION

None required for normal use.

SKIN PROTECTION

None required.

EYE PROTECTION

None required for normal use.

RESPIRATORY PROTECTION

None required for normal use.

ENVIRONMENTAL EXPOSURE CONTROLS

Use according to good working practices, avoiding spillage into the environment.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Value

Not determined

Properties Appearance lyophile Colour white Odour Not determined Melting point / freezing point Not determined Initial boiling point Not determined Non determined Flammability Lower explosive limit Not determined Upper explosive limit Not determined Flash point Not determined Not determined Auto-ignition temperature Not determined Kinematic viscosity Not determined Solubility Not determined Partition coefficient: n-octanol/water Not determined Not determined Vapour pressure Not determined Density and/or relative density Relative vapour density Not determined

9.2. Other information

Particle characteristics

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular.

10.5. Incompatible materials

Information not available.



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10.6. Hazardous decomposition products

Does not decompose when used for its intended uses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = ∞

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

- (a) acute toxicity: based on available data, the classification criteria are not met
- (b) skin corrosion/dermal irritation: based on available data, the classification criteria are not met
- (c) severe ocular damage/eye irritation: based on available data the classification criteria are not met
- (d) respiratory or skin sensitization: based on available data the classification criteria are not met
- (e) germ cell mutagenicity: based on available data the classification criteria are not met
- (f) carcinogenicity: based on available data the classification criteria are not met (g) reproductive toxicity: based on available data the classification criteria are not met
- (h) specific target organ toxicity (STOT) single exposure: based on available data the classification criteria are not met
- (i) specific target organ toxicity (STOT) repeated exposure: based on available data the classification criteria are not met
- (j) aspiration hazard: based on available data, the classification criteria are not met.

11.2. Information on other hazards

Information not available

SECTION 12: Ecological information

12.1. Toxicity

Use according to good working practices, avoiding dispersing the product into the environment.

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

12.6. Endocrine disrupting properties

Information not available

12.7. Other adverse effects

No adverse effects observed

SECTION 13: Disposal considerations

13.1. Waste treatment methods



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Do not reuse empty containers. Dispose of them in accordance with current regulations. Any product residues should be disposed of according to current regulations by contacting authorized companies. Recover if possible. Operate according to current local or national regulations.

SECTION 14: Transport information

14.1. UN number or ID number

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

No data available

14.7. Maritime transport in bulk according to IMO instruments

There is no provision for bulk transport

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

D.Lgs 3/2/1997 No. 52 (Classification, packaging and labeling of dangerous substances), D.Lgs 14/3/2003 No. 65 (Classification, packaging and labeling of dangerous preparations), D.Lgs 81/08 (Consolidated text on the protection of health and safety in the workplace), D. M. 03/04/2007 (Implementation of Directive No. 2006/8/EC), Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) No. 790/2009, Legislative Decree 105/2015 (Seveso Ter Directive), Regulation (EU) 2019/1021, Regulation (EU) 2020/878. Substances on Candidate List (art.59 REACH).

Based on available data, there are no SVHC substances present.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16: Other information

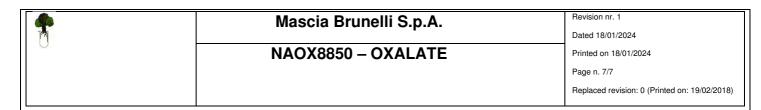
Classification and procedure used to derive it under Regulation (EC)1272/2008 [CLP] in relation to mixtures:

No hazard to report.

Classification procedure: Calculation method.

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EC) 758/2013 of the European Parliament
- 4. Regulation (EU) 2020/878 (II Annex of REACH Regulation)



- 5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament 6. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 7. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 8. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 9. Regulation (EU) 517/2013 of Council
- 10. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament 11. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2015/491 of the European Parliament
- 13. Regulation (EU) No. 1297/2014 of the Commission
- 14. Regulation (EC) 528/2012 of the European Parliament and subsequent updates
- 15. Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index.
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS Fiche Toxicologique
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition

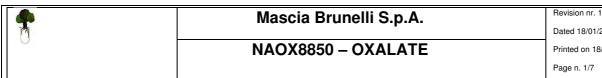
Note for users:

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This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Code: **NAOX8850**

Product name: **OXALATE R3** (reagent)

Activate charcoal CAS: 7440-44-0 - EC No: 231-153-3 - Index No: 242268 Chemical name:

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use: Reagent for in-vitro diagnostic

1.3 Details of the supplier of the safety data sheet

Mascia Brunelli S.p.A. Name Full address Viale Monza, 272 District and Country 20128 Milano (Milano)

Tel. 0039 02 252091

e-mail address of the competent person

mktg@masciabrunelli.it responsible for the Safety Data Sheet

1.4 Emergency telephone number

For urgent inquiries refer to NHS111 in England: 111

NHS24 in Scotland: 111

NHS Direct in Wales: 111 or 0845 4647

In an emergency, if the patient has collapsed or is not breathing properly, call 999

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

CAS 7440-44-0 CEE 242268 EINECS 231-153-3

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication: -

2.2 Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:

Signal words:

Hazard statements:

Precautionary statements: --

2.3 Other hazards

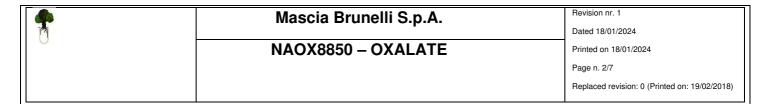
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration >= 0.1%.

SECTION 3: Composition/information on ingredients

3.1 Substances

No substances to report



3.2 Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: air the area. Immediately move the patient from the contaminated area and keep him at rest in a well-ventilated area. If you feel unwell seek medical advice.

Direct skin contact (of the pure product): wash thoroughly with soap and water.

Direct eye contact (of pure product): wash immediately with plenty of water for at least 10 minutes.

Ingestion: not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine.

4.2. Most important symptoms and effects, both acute and delayed

Information not available

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5: Fire fighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: Foam. Dry powder. Carbon dioxide. Water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Water jets. Use 'water jets only to cool container surfaces exposed to fire.

5.2. Special hazards arising from the substance or mixture

Information not available

5.3. Advice for firefighters

Use respiratory protection. Safety helmet and full protective clothing. Water spray can be used to protect people engaged in extinguishing. It is also advisable to use self-contained breathing apparatus, especially, if working in enclosed and poorly ventilated places and in any case if halogenated extinguishing agents (fluobrene, solkane 123, naf etc.) are used. Cool containers with jets of water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- 6.1.1 For those not taking direct action: Move away from the area surrounding the spill or release. Do not smoke. Wear gloves and protective clothing.
- 6.1.2 For direct interveners: Wear gloves and protective clothing. Eliminate all open flames and possible sources of ignition. Do not smoke. Provide adequate ventilation. Evacuate the hazard area and, if necessary, consult an expert.

6.2. Environmental precautions

Contain spills with soil or sand. If the product has flowed into a watercourse, sewage system or contaminated soil or vegetation, notify the appropriate authorities

Dispose of the residue in accordance with applicable regulations.

6.3. Methods and material for containment and cleaning up

6.3.1 For containment. Collect the product for reuse, if possible, or for disposal. If possible, absorb it with inert material. Prevent it from entering the



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sewage system.

6.3.2 For cleanup. After collection, wash the affected area and materials with water.

6.3.3 Other information: None in particular.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors. Do not eat or drink while working. See also section 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers. Keep containers upright and safe by avoiding the possibility of falls or collisions. Store in a cool place, away from any source of heat and direct exposure to sunlight.

7.3. Specific end use(s)

Professional uses:

Handle with caution.

Store in ventilated place and away from heat sources.

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

Suitable engineering controls:

Professional uses:

No specific controls provided

Personal protective measures:

HAND PROTECTION

None required for normal use.

SKIN PROTECTION

None required.

EYE PROTECTION

None required for normal use.

RESPIRATORY PROTECTION

None required for normal use.

ENVIRONMENTAL EXPOSURE CONTROLS

Use according to good working practices, avoiding spillage into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties



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Properties Value Information

Appearance granular Colour black

Odour Not determined Melting point / freezing point Not determined Initial boiling point Not determined Flammability Non determined Lower explosive limit Not determined Upper explosive limit Not determined Flash point Not determined Auto-ignition temperature Not determined рΗ Not determined Kinematic viscosity Not determined Not determined Solubility Partition coefficient: n-octanol/water Not determined Not determined Vapour pressure Density and/or relative density Not determined Relative vapour density Not determined Particle characteristics Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

Does not decompose when used for its intended uses.



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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = ∞ ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

- (a) acute toxicity: based on available data, the classification criteria are not met
- (b) skin corrosion/dermal irritation: based on available data, the classification criteria are not met
- (c) severe ocular damage/eye irritation: based on available data the classification criteria are not met
- (d) respiratory or skin sensitization: based on available data the classification criteria are not met
- (e) germ cell mutagenicity: based on available data the classification criteria are not met
- (f) carcinogenicity: based on available data the classification criteria are not met
- (g) reproductive toxicity: based on available data the classification criteria are not met
- (h) specific target organ toxicity (STOT) single exposure: based on available data the classification criteria are not met
- (i) specific target organ toxicity (STOT) repeated exposure: based on available data the classification criteria are not met
- (j) aspiration hazard: based on available data, the classification criteria are not met.

11.2. Information on other hazards

Information not available

SECTION 12: Ecological information

12.1. Toxicity

Use according to good working practices, avoiding dispersing the product into the environment.

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

12.6. Endocrine disrupting properties

Information not available

12.7. Other adverse effects

No adverse effects observed

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with current regulations. Any product residues should be disposed of according to current regulations by contacting authorized companies. Recover if possible. Operate according to current local or national regulations.



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SECTION 14: Transport information

14.1. UN number or ID number

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

No data available

14.7. Maritime transport in bulk according to IMO instruments

There is no provision for bulk transport

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

D.Lgs 3/2/1997 No. 52 (Classification, packaging and labeling of dangerous substances), D.Lgs 14/3/2003 No. 65 (Classification, packaging and labeling of dangerous preparations), D.Lgs 81/08 (Consolidated text on the protection of health and safety in the workplace), D. M. 03/04/2007 (Implementation of Directive No. 2006/8/EC), Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) No. 790/2009, Legislative Decree 105/2015 (Seveso Ter Directive), Regulation (EU) 2019/1021, Regulation (EU) 2020/878. Substances on Candidaté List (art.59 REACH).

Based on available data, there are no SVHC substances present.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16: Other information

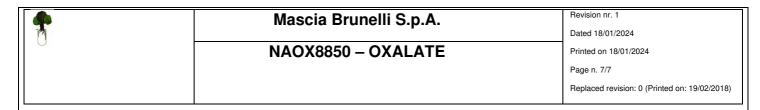
Classification and procedure used to derive it under Regulation (EC)1272/2008 [CLP] in relation to mixtures:

No hazard to report.

Classification procedure: Calculation method.

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EC) 758/2013 of the European Parliament
- 4. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 6. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament 7. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 8. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 9. Regulation (EU) 517/2013 of Council



- 10. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament 11. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2015/491 of the European Parliament
- 13. Regulation (EU) No. 1297/2014 of the Commission
- 14. Regulation (EC) 528/2012 of the European Parliament and subsequent updates
- 15. Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index.
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
 INRS Fiche Toxicologique
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition

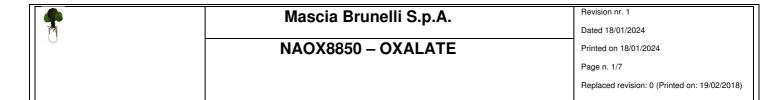
Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

This SDS replaces and cancels all previous ones.



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Code: NAOX8850

Product name: OXALATE_R4 (reagent)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use: Reagent for in-vitro diagnostic

1.3 Details of the supplier of the safety data sheet

Name Full address District and Country Mascia Brunelli S.p.A. Viale Monza, 272 20128 Milano (Milano)

Italia

Tel. 0039 02 252091

e-mail address of the competent person

responsible for the Safety Data Sheet mktg@masciabrunelli.it

1.4 Emergency telephone number

For urgent inquiries refer to

NHS111 in England: 111 NHS24 in Scotland: 111

NHS Direct in Wales: 111 or 0845 4647

In an emergency, if the patient has collapsed or is not breathing properly, call 999

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication: --

2.2 Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3 Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration >= 0.1%.

SECTION 3: Composition/information on ingredients

3.1 Substances

Irrilevant



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3.2 Mixtures

Refer to Section 16 for the full text of the hazard statements.

Identification x = Conc. % Classification 1272/2008 (CLP) EDTA

REACH - No.: 01-2119486775-20-

XXXX

Acute toxicity. 4, H332 STOT RE 2, H373 Aquatic Chronic 3, H412

Acute Toxicity. Factor M=1 Chronic Toxicity Factor M= 1

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: air the area. Immediately move the patient from the contaminated area and keep him at rest in a well-ventilated area. If you feel unwell seek medical advice.

Direct skin contact (of the pure product): wash thoroughly with soap and water.

Direct eye contact (of pure product): wash immediately with plenty of water for at least 10 minutes.

Ingestion: not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine.

4.2. Most important symptoms and effects, both acute and delayed

Information not available

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5: Fire fighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: Foam. Dry powder. Carbon dioxide. Water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Water jets. Use 'water jets only to cool container surfaces exposed to fire.

5.2. Special hazards arising from the substance or mixture

Information not available

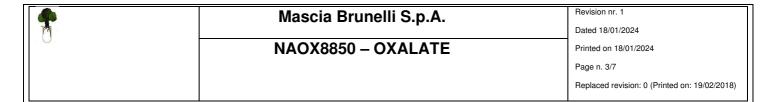
5.3. Advice for firefighters

Use respiratory protection. Safety helmet and full protective clothing. Water spray can be used to protect people engaged in extinguishing. It is also advisable to use self-contained breathing apparatus, especially, if working in enclosed and poorly ventilated places and in any case if halogenated extinguishing agents (fluobrene, solkane 123, naf etc.) are used. Cool containers with jets of water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- 6.1.1 For those not taking direct action: Move away from the area surrounding the spill or release. Do not smoke. Wear gloves and protective clothing.
- 6.1.2 For direct interveners: Wear gloves and protective clothing. Eliminate all open flames and possible sources of ignition. Do not smoke. Provide adequate ventilation. Evacuate the hazard area and, if necessary, consult an expert.



6.2. Environmental precautions

Contain spills with soil or sand. If the product has flowed into a watercourse, sewage system or contaminated soil or vegetation, notify the appropriate authorities.

Dispose of the residue in accordance with applicable regulations.

6.3. Methods and material for containment and cleaning up

- 6.3.1 For containment. Collect the product for reuse, if possible, or for disposal. If possible, absorb it with inert material. Prevent it from entering the sewage system.
- 6.3.2 For cleanup. After collection, wash the affected area and materials with water.
- 6.3.3 Other information: None in particular.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors.

Do not eat or drink while working.

See also section 8 below

7.2. Conditions for safe storage, including any incompatibilities

Keep containers upright and secure, avoiding the possibility of dropping or knocking. Store in a cool place, away from any source of heat and direct exposure to sunlight.

7.3. Specific end use(s)

Professional uses:

Handle with caution.

Store in ventilated place and away from heat sources.

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

Suitable engineering controls: Professional uses:

No specific controls provided

Personal protective measures:

HAND PROTECTION

None required for normal use.

SKIN PROTECTION None required.

EYE PROTECTION

None required for normal use.

RESPIRATORY PROTECTION

None required for normal use.



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ENVIRONMENTAL EXPOSURE CONTROLS

Use according to good working practices, avoiding spillage into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties Value Appearance Liquid Colour Not determined Odour Not determined Melting point / freezing point Not determined Initial boiling point Not determined Flammability Non determined Lower explosive limit Not determined Upper explosive limit Not determined Flash point Not determined Auto-ignition temperature Not determined Not determined Not determined Kinematic viscosity Solubility Not determined Partition coefficient: n-octanol/water Not determined Vapour pressure Not determined Density and/or relative density Not determined Relative vapour density Not determined Particle characteristics Not determined

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10: Stability and reactivity

10.1. Reactivity

Related to contained substances:

FDTA.

with a fine distribution, one can generally assume a potential risk of explosion of the powders if they are subjected to rapid rotation.

10.2. Chemical stability

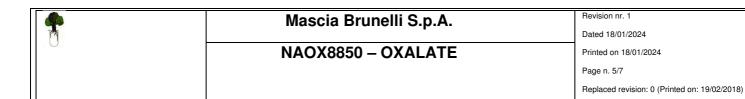
The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular.



10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

Does not decompose when used for its intended uses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = ∞ ATE(mix) dermal = ∞

ATE(mix) inhal = 617,3 mg/l/4 h

- (a) acute toxicity: based on available data, the classification criteria are not met
- (b) skin corrosion/dermal irritation: based on available data, the classification criteria are not met
- (c) severe ocular damage/eye irritation: based on available data the classification criteria are not met
- (d) respiratory or skin sensitization: based on available data the classification criteria are not met
- (e) germ cell mutagenicity: based on available data the classification criteria are not met
- (f) carcinogenicity: based on available data the classification criteria are not met
- (g) reproductive toxicity: based on available data the classification criteria are not met
- (h) specific target organ toxicity (STOT) single exposure: based on available data the classification criteria are not met
- (i) specific target organ toxicity (STOT) repeated exposure: based on available data the classification criteria are not met
- (j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

EDTA:

Specific target organ toxicity - repeated exposure. Inhalation - May cause organ damage with prolonged or repeated exposure.

- Respiratory Tract.

11.2. Information on other hazards

Information not available

SECTION 12: Ecological information

12.1. Toxicity

Related to contained substances:

EDTA

Specific Fish Toxicity LC50 - Lepomis macrochirus - 41 mg/l - 96 h

Use according to good working practices, avoiding dispersing the product into the environment.

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

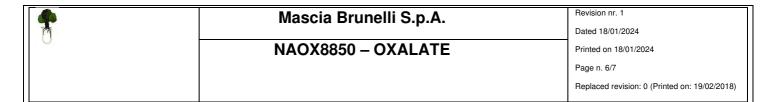
Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.



12.6. Endocrine disrupting properties

Information not available

12.7. Other adverse effects

No adverse effects observed

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with current regulations. Any product residues should be disposed of according to current regulations by contacting authorized companies. Recover if possible. Operate according to current local or national regulations.

SECTION 14: Transport information

14.1. UN number or ID number

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

No data available

14.7. Maritime transport in bulk according to IMO instruments

There is no provision for bulk transport

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

D.Lgs 3/2/1997 No. 52 (Classification, packaging and labeling of dangerous substances), D.Lgs 14/3/2003 No. 65 (Classification, packaging and labeling of dangerous preparations), D.Lgs 81/08 (Consolidated text on the protection of health and safety in the workplace), D. M. 03/04/2007 (Implementation of Directive No. 2006/8/EC), Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) No. 790/2009, Legislative Decree 105/2015 (Seveso Ter Directive), Regulation (EU) 2019/1021, Regulation (EU) 2020/878. Substances on Candidate List (art.59 REACH).

Based on available data, there are no SVHC substances present.

15.2. Chemical safety assessment



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A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16: Other information

Description of the hazard statements set forth in section 3.

H332 = Harmful if inhaled.

H373 = May cause organ damage by prolonged or repeated exposure

H412 = Harmful to aquatic organisms with long-lasting effects.

Classification and procedure used to derive it under Regulation (EC)1272/2008 [CLP] in relation to mixtures:

No hazard to report.

Classification procedure: Calculation method.

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EC) 758/2013 of the European Parliament
- 4. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 6. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 7. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 8. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 9. Regulation (EU) 517/2013 of Council
- 10. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 11. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2015/491 of the European Parliament
- 13. Regulation (EU) No. 1297/2014 of the Commission
- 14. Regulation (EC) 528/2012 of the European Parliament and subsequent updates
- 15. Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index.
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS Fiche Toxicologique
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition

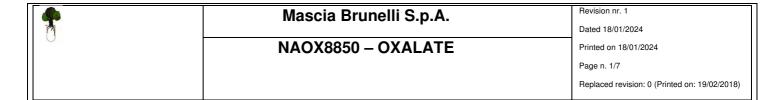
Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

This SDS replaces and cancels all previous ones.



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Code: NAOX8850

Product name: OXALATE_R5 (reagent)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use: Reagent for in-vitro diagnostic

1.3 Details of the supplier of the safety data sheet

Name Full address District and Country Mascia Brunelli S.p.A. Viale Monza, 272 20128 Milano (Milano)

Italia

Tel. 0039 02 252091

e-mail address of the competent person

responsible for the Safety Data Sheet mktg@masciabrunelli.it

1.4 Emergency telephone number

For urgent inquiries refer to

NHS111 in England: 111 NHS24 in Scotland: 111

NHS Direct in Wales: 111 or 0845 4647

In an emergency, if the patient has collapsed or is not breathing properly, call 999

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication: --

2.2 Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3 Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

SECTION 3: Composition/information on ingredients

3.1 Substances

Irrilevant.



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3.2 Mixtures

Refer to Section 16 for the full text of the hazard statements.

Identification x = Conc. % Classification 1272/2008 (CLP) EDTA

CAS 6381-92-6 x < 5% EC 205-358-3 x ≥ 1%

REACH - No.: 01-2119486775-20-

XXXX

Acute toxicity. 4, H332 STOT RE 2, H373 Aquatic Chronic 3, H412

Acute Toxicity. Factor M=1 Chronic Toxicity Factor M= 1

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: air the area. Immediately move the patient from the contaminated area and keep him at rest in a well-ventilated area. If you feel unwell seek medical advice.

Direct skin contact (of the pure product): wash thoroughly with soap and water.

Direct eye contact (of pure product): wash immediately with plenty of water for at least 10 minutes.

Ingestion: not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine.

4.2. Most important symptoms and effects, both acute and delayed

Information not available

4.3. Indication of any immediate medical attention and special treatment needed

Information not available.

SECTION 5: Fire fighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: Foam. Dry powder. Carbon dioxide. Water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Water jets. Use 'water jets only to cool container surfaces exposed to fire.

5.2. Special hazards arising from the substance or mixture

Information not available

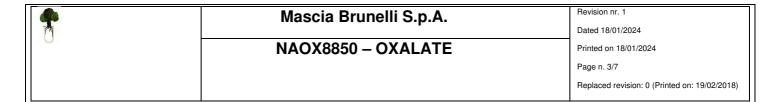
5.3. Advice for firefighters

Use respiratory protection. Safety helmet and full protective clothing. Water spray can be used to protect people engaged in extinguishing. It is also advisable to use self-contained breathing apparatus, especially, if working in enclosed and poorly ventilated places and in any case if halogenated extinguishing agents (fluobrene, solkane 123, naf etc.) are used. Cool containers with jets of water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- 6.1.1 For those not taking direct action: Move away from the area surrounding the spill or release. Do not smoke. Wear gloves and protective clothing.
- 6.1.2 For direct interveners: Wear gloves and protective clothing. Eliminate all open flames and possible sources of ignition. Do not smoke. Provide adequate ventilation. Evacuate the hazard area and, if necessary, consult an expert.



6.2. Environmental precautions

Contain spills with soil or sand. If the product has flowed into a watercourse, sewage system or contaminated soil or vegetation, notify the appropriate authorities.

Dispose of the residue in accordance with applicable regulations.

6.3. Methods and material for containment and cleaning up

- 6.3.1 For containment. Collect the product for reuse, if possible, or for disposal. If possible, absorb it with inert material. Prevent it from entering the sewage system.
- 6.3.2 For cleanup. After collection, wash the affected area and materials with water.
- 6.3.3 Other information: None in particular.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors. Do not eat or drink while working. See also section 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers. Keep containers upright and safe by avoiding the possibility of falls or collisions. Store in a cool place, away from any source of heat and direct exposure to sunlight.

7.3. Specific end use(s)

Professional uses:

Handle with caution

Store in ventilated place and away from heat sources.

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

Suitable engineering controls: Professional uses:

No specific controls provided

Personal protective measures:

HAND PROTECTION None required for normal use.

SKIN PROTECTION None required.

EYE PROTECTION

None required for normal use.

RESPIRATORY PROTECTION

None required for normal use.



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ENVIRONMENTAL EXPOSURE CONTROLS

Use according to good working practices, avoiding spillage into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties Value Appearance Liquid Colour Colorless Odour Not determined Not determined Melting point / freezing point Initial boiling point Not determined Flammability Non determined Lower explosive limit Not determined Upper explosive limit Not determined Flash point Not determined Auto-ignition temperature Not determined Not determined Not determined Kinematic viscosity Solubility Not determined Partition coefficient: n-octanol/water Not determined Vapour pressure Not determined Density and/or relative density Not determined Relative vapour density Not determined Particle characteristics Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10: Stability and reactivity

10.1. Reactivity

Related to contained substances:

FDTA.

with a fine distribution, one can generally assume a potential risk of explosion of the powders if they are subjected to rapid rotation.

10.2. Chemical stability

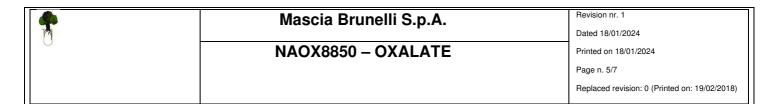
The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular.



10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

Does not decompose when used for its intended uses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = ∞ ATE(mix) dermal = ∞

ATE(mix) inhal = 617.3 mg/l/4 h

- (a) acute toxicity: based on available data, the classification criteria are not met
- (b) skin corrosion/dermal irritation: based on available data, the classification criteria are not met
- (c) severe ocular damage/eye irritation: based on available data the classification criteria are not met
- (d) respiratory or skin sensitization: based on available data the classification criteria are not met
- (e) germ cell mutagenicity: based on available data the classification criteria are not met
- (f) carcinogenicity: based on available data the classification criteria are not met
- (g) reproductive toxicity: based on available data the classification criteria are not met
- (h) specific target organ toxicity (STOT) single exposure: based on available data the classification criteria are not met
- (i) specific target organ toxicity (STOT) repeated exposure: based on available data the classification criteria are not met
- (j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

EDTA:

Specific target organ toxicity - repeated exposure. Inhalation - May cause organ damage with prolonged or repeated exposure.

- Respiratory Tract.

11.2. Information on other hazards

Information not available

SECTION 12: Ecological information

12.1. Toxicity

Related to contained substances:

EDTA:

Specific Fish Toxicity LC50 - Lepomis macrochirus - 41 mg/l - 96 h

Use according to good working practices, avoiding dispersing the product into the environment.

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

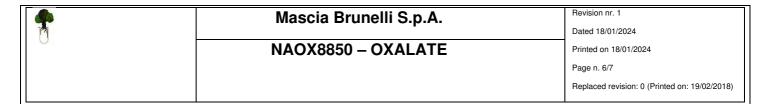
12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

12.6. Endocrine disrupting properties



Information not available

12.7. Other adverse effects

No adverse effects observed

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with current regulations. Any product residues should be disposed of according to current regulations by contacting authorized companies. Recover if possible. Operate according to current local or national regulations.

SECTION 14: Transport information

14.1. UN number or ID number

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

No data available

14.7. Maritime transport in bulk according to IMO instruments

There is no provision for bulk transport

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

D.Lgs 3/2/1997 No. 52 (Classification, packaging and labeling of dangerous substances), D.Lgs 14/3/2003 No. 65 (Classification, packaging and labeling of dangerous preparations), D.Lgs 81/08 (Consolidated text on the protection of health and safety in the workplace), D. M. 03/04/2007 (Implementation of Directive No. 2006/8/EC), Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) No. 790/2009, Legislative Decree 105/2015 (Seveso Ter Directive), Regulation (EU) 2019/1021, Regulation (EU) 2020/878. Substances on Candidate List (art.59 REACH).

Based on available data, there are no SVHC substances present.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.



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SECTION 16: Other information

Description of the hazard statements set forth in section 3.

H332 = Harmful if inhaled.

H373 = May cause organ damage by prolonged or repeated exposure

H412 = Harmful to aquatic organisms with long-lasting effects.

Classification and procedure used to derive it under Regulation (EC)1272/2008 [CLP] in relation to mixtures:

No hazard to report.

Classification procedure: Calculation method.

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EC) 758/2013 of the European Parliament
- 4. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 6. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 7. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 8. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 9. Regulation (EU) 517/2013 of Council
- 10. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament 11. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2015/491 of the European Parliament
- 13. Regulation (EU) No. 1297/2014 of the Commission
- 14. Regulation (EC) 528/2012 of the European Parliament and subsequent updates
- 15. Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index.
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS Fiche Toxicologique
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

This SDS replaces and cancels all previous ones.