

SAFETY DATA SHEET

According to COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)



OXYGEN ABSORBER / OXYNEMA

Issue date: 25.04.2025

Version: 3.0

Validity Date: 25.04.2030

SDK number: NM:SDK:20250120

Section 1: Identification

1.1 Product identifier used on the label

Product form: Mixture

Product Name: OXYGEN ABSORBER / OXYNEMA

1.2 Recommended use of the chemical and restrictions on use:

Use of the substance/mixture: Absorbe Free Oxygen

1.3 Information of the Supplier of Safety Data Sheet

Manufacturer: NEMAŞ KİMYA GIDA TURİZM İNŞAAT TEMİZLİK LİMİTED

Address: Altay Mahallesi Söğüt Cad. Erland Residans 12/B Kat 12 No:113 Etimesgut/Ankara

Web: <https://nemasnem.com>

Mail: satis@nemasnem.com

Phone: +90 532 657 81 61

1.4 Information on security:

Phone: +90 532 657 81 61

1.5 Emergency phone number

For Chemical Emergency Call CHEMTREC 24hr/day 7days7week Within USA and Canada: +1-800-424-9300 Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

Emergency response center: 911

Fire department: 800-238-3358

Section 2: Hazard(s) Identification

2.1. Classification of the substance or mixture

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Physical Effect: There is no physical danger.

Potential Acute Effect on Health: Eye Dam.2 H319, STOT SE 3 H335

Effects on environment: There is no environment effect.

2.2. GHS Label elements, including precautionary statements

GHS US classification

Signal pictograms:



Signal word: Attention

Hazard statements:

H319: Causes serious eye irritation.

H3*5: May cause respiratory irritation.

Precautionary statements:

P261 - Avoid breathing dust/fume/gas/mist/vapours/ spray.

P271- Use only outdoors or in a well-ventilated area.

P280— Wear protective gloves/protective clothing/eye protection/face protection/hearing protection

P304 + P340 — IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313— If eye irritation persists: Get medical advice/ attention.

P403 + P233 — Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501- Dispose of contents/container to the local regulation.

2.3 Additional information

This substance does not qualify as PBT or vPvB.

Section 3: Composition/ Information on Ingredients

3.1 Substances

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Not applicable.

3.2 Mixtures

Chemical Name	EC	CAS	Concentration	GHS Classification
Iron powder (Fe)	231-096-4	7439-89-6	S60	Not Classified
Sodium chloride	Z31-598-3	7647-14-5	S30	Not Classified
Carbon	23J -153-3	7440-44-0	<30	Eye Irrit. 2 H310 STOT SE * H335

Full text of hazard classes and H-statements: see section 16

Section 4: First-Aid Measures

4.1 Description of first aid measures

First-aid measures general: Call a physician immediately.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact: If any irritation occurs, call a physician immediately.

First-aid measures after ingestion: Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact: No effect available.

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Symptoms/effects after eye contact: Causes serious eye irritation.

Symptoms/effects after ingestion: No effect available.

4.3 Immediate medical attention and special treatment, if necessary

Treat symptomatically.

Section 5: Fire-Fighting Measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Cardboard box and packaging material may be burnt. Use carbon dioxide or water.

5.2. Specific hazards arising from the chemical

Hazardous combustion products: Carbon oxides (CO, CO₂)

Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. May be dangerously slippery if spilled.

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/misU'vapours/spray.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection™".

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6.2. Environmental precautions

Avoid mixing with sewers/surface water/ground water. In case of mixing into waters or sewers, notify the competent authorities. If there is no safety hazard, prevent further leakage or spillage.

6.3. Methods and material for containment and cleaning up

Absorb the spilled product with sand, earth or other absorbent material and place it in a suitable container for waste. Clean the spill area with plenty of water.

6.4. Reference to other sections

For further information refer to section 13.

Section 7: Handling and Storage

7.1. Precautions for safe handling

Precautions for safe handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust and vapor. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Hygiene measures: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

7.3. Specific End Use(s)

The defined uses of this product are detailed in Section 1.2.

Section 8: Exposure Controls/Personal Protection

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No data available.

8.2. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station.
Environmental exposure controls: Avoid release to the environment

8.3. Individual protection measures/Personal protective equipment

Hand protection: Protective gloves. EN 374
Eye protection: Safety glasses. EN 166
Skin and body protection: Wear suitable protective clothing
Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment
Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: granulated powder mixture
Odor: No data available
Color: grey-black
Odor Threshold: No data available
pH value: 7-8
Melting Point: No data available
Initial Boiling Point: No data available
Freezing point: No data available
Flash Point: No data available
Melting Point: No data available
Evaporation Rate: No data available
Flammability (Solid, Cas): No data available

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Upper / Lower Explosion Limits: No data available
Vapor Pressure: No data available
Vapor Density: No data available
Refractometric value: No data available
Density: 1,01-1,02 KG
Solubility: Hardly soluble in water, emit heat if contact with water.
Partition Coefficient: No data available.
Flammability Temperature: No data available
Decomposition Temperature: No data available
Viscosity: No data available
Flammability Feature: No data available
Explosion Properties: No data available

9.2. Other information

Laminated film with 3 layers: 1st layer (outside) — Holes punched on PET with Printing — On the reverse side of PET 2rd layer — Paper (No holes with water and oil proof} 3th layer - PE with holes punched Laminated Film can breathe, and contents inside sachet cannot migrate to contaminate foods (stopped by Paper)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transpon.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

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None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity: No data available.

Skin corrosion/irritation: Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity: Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity: Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity: Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure: May cause respiratory irritation.

STOT-repeated exposure: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity: The product is not classified as harmful to the environment.

10.4. Conditions to avoid

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There are no short-term hazardous decomposition products. The product itself and its decomposition products are non-toxic.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste): Dispose in a safe manner in accordance with local/national regulations.
Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)

Transport document description: Not classified as a dangerous good.

UN-No.(DOT): Not classified as a dangerous good.

Proper Shipping Name (DOT): Not classified as a dangerous good.

Class (DOT): Not classified as a dangerous good.

Packing group (DOT): Not classified as a dangerous good.

Hazard labels (DOT): Not classified as a dangerous good.

Transport by sea

Transport document description (IMDG): Not classified as a dangerous good.

UN-No. (IMDG): Not classified as a dangerous good.

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Proper Shipping Name (IMDG): NOT Classified as a dangerous good.
Class (IMDG): Not classified as a dangerous good.
Packing group (IMDG): Not classified as a dangerous good.

Air transport

Transport document description (IATA): Not classified as a dangerous good.
UN-No. (IATA): Not classified as a dangerous good.
Proper Shipping Name (IATA): Not classified as a dangerous good.
Class (IATA): Not classified as a dangerous good.
Packing group (IATA): Not classified as a dangerous good.

SECTION 15: Regulatory information

15.1 International Regulations

EU: EU CLP stands for the Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of Substances and Mixtures

EU: COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

TUR: BY-LAW ON REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (Official Gazette No: 23.06.2017- 30105)

Classification of substances and mixtures, Packaging and Labelling Regulations - (11 December 2013 and 28848 Rep. No.)

ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road (R.G.24/10/2013-28801)

SECTION 16: Other information

16.1. Revision date

Revision date: -
Changes: first preparation

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16.2. Shortcuts

SDS: Safety Data Sheet

CAS: Service registration number of chemicals

EINECS: European Inventory of Chemical Substances

SEA: Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in RG.-11/12 / 2013-28848

CLP: EU Directive 1272/2008 <Classification, Labeling and Packaging of Substances and Mixtures>

TWA: Measured or calculated time-weighted average f' or a specified reference time of 8 hours

STEL: The maximum exposure value that must not be exceeded for a period of 15 minutes unless otherwise specified.

Mg / m³: at 20 ° C and 101.3 KPa. (760 mm mercury pressure) The amount of material in milligrams of 1 m³ of air at pressure

ppm: the amount of material contained in 1 m³ of air in milliliters (ml / m³)

NIOSH: The National Institute for Occupational Safety and Health CEN: Normalization at the European Commission

NTP: (National Toxicology Program) National Toxicology Program

IARC: The International Agency for Research on Cancer

OSHA: (Occupational Safety and Health Association)

EWC: (European Waste Catalog) European Union Waste Catalog

ADR: Transport of Dangerous Goods

RID: Transport of dangerous goods by rail

ADNR: Regulation on the Carriage of Dangerous Goods in Rivers

IMDG: Regulation on training and authorization within the scope of international code on dangerous cargoes transported by sea

ICAO: International Civil Aviation Organization

IATA: International Air Transport

16.3 Reference and Sources

- The key information sources used in the editing of this safety data sheet are as follows
- Data sheets for raw materials and product components
- ° Regulations and annexes on the preparation and distribution of safety data sheets for dangerous goods and preparations
 - UN ADR, IMDG, IATA LISTS

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- ECHA (European Chemicals Agency). Supplier's sales documents

16.4 Method / procedure used for classification and classification of mixtures:

Eye Dam.2 H310-Calculation method
STOT 5E 3 H335-Calculation method

16.5 Full text of H-Statements based on sections 2 and 3

H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

16.6. Other informations

This document has been issued by the person (s) certified in accordance with the regulations by making use of the safety data sheets provided by the manufacturer.

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Preparer

Chemical Evaluation Specialist : İREM YILMAZ
Certificate Number : TÜV/11.160.01
Certificate Validity Date : 05.09.2027
Signature :

Other informations

Use and application information is given in the technical leaflets of the products. The details are based on the information we have today and do not represent any assurance on product quality, nor can OXYGEN ABSORBER / OXYNEMA was prepared on behalf of NEMAŞ KİMYA GIDA TURİZM İNŞAAT TEMİZLİK LİMİTED