

MATERIAL SAFETY DATA SHEET

ODOR

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SECTION 1: PREPARATION IDENTIFICATION

1.1 Product identifier

Trade name: ODOR

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

Identified uses: Neutralization of odours

Uses advised against: other than those mentioned above

1.3 Details of the supplier of the safety data sheet

Name and address: PROTIMA Sp. z o.o. ul. Żabikowska 18; 62-050 Komorniki

Telephone: + 48 61 222 7980

e-mail: biuro@protima.pl

1.4 Emergency telephone number

998 or 112, nearest local branch of the State Fire Service (pol. PSP, Państwowa Straż Pożarna)

Toxicological information in Poland 042/ 631 47 24 (between 7 and 15)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Directive 1999/45/EC

Health hazards:

Mixture not classified as hazardous.

Hazardous properties:

unknown

Environmental hazards

unknown

2.2 Label elements

none

2.3 Special hazards

No data available.

3. INFORMATION ON INGREDIENTS

The product does not contain hazardous ingredients.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

If on skin – wash skin with soapy water.

If on eyes: Remove contact lenses, rinse eyes with water for at least 15 minutes. Consult an ophthalmologist.

If swallowed: in case of occurrence of alarming symptoms, seek medical attention.

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

Health effects of acute exposure: no data

Health effects of chronic exposure: no data

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Foam, carbon dioxide, powders, water spray.

5.2 Special hazards arising from the substance or mixture

In case of fire, emits carbon and zinc oxides.

5.3 Advice for firefighters

Fire residues must be disposed of in accordance with local regulations.

Use respiratory protection and full protective clothing.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

The product poses no danger.

6.2 Environmental precautions

Prevent product from entering the environment, sanitation, surface waters and soil.

6.3 Methods and material for containment and cleaning up

The product poses no danger.

Do not allow to enter larger amounts of preparation into water and soil.

6.4 Reference to other sections

Information on appropriate personal protective equipment specified in Section 8.

Disposal in accordance with recommendations set out in Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling: Any manipulation with the preparation should be done with gloves made of plastic, using eye and respiratory tract protection equipment. It is also recommended to use a rubber apron, preventing contact of the preparation with the body.

7.2 Conditions for safe storage, including any incompatibilities

Store in the original container at a temperature of 10-30°C. At temperatures below 5°C the product becomes damaged.

7.3 Specific end use(s)

Storage temperatures: 10-30°C

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Recommendations to monitoring hazardous substances in air – method of measurements:

– Regulation of the Minister of Health of 20 April 2005 on tests and measurements of factors hazardous for health at the workplace (Journal of Laws No 73, item 645).

– PN-89/Z-01001/06. Air purity protection. Names, definitions and units. Terminology concerning air quality tests at the workplace.

– PN Z-04008-7:2002. Air purity protection. Sampling. Principles of air sampling in work environment and interpretation of results.

– PN-EN-689: 2002. Workplace atmospheres – guidelines for the assessment of exposure by inhalation to chemical agents by comparison with limit values and measurement strategy.

Note: If the concentration of the substance is determined and known, personal protection equipment should be chosen taking into account the concentration of the substance occurring at the workplace, exposure time and operations performed by the employee.

In an emergency, if the concentration of the substance at the workplace is unknown, use personal protection of the highest recommended protection class.

The employer shall ensure that the applied personal protective equipment, clothing and work footwear are adequate, and shall assure their proper cleaning, maintenance, repair and decontamination.

The recommended pre-employment and periodic medical examinations of employees should be carried out in accordance with the Regulation of the Minister of Health and Social Care of 30 May 1996 on medical examinations of employees, scope of preventive health care for employees and medical certificates issued for purposes provided for in the Labour Code (Journal of Laws No 69/1996, item 332, as amended by No 37/2001, item 451).

8.2 Exposure controls

Used personal protection equipment should comply with the Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protective equipment (Journal of Laws No 259, item 2173).

Respiratory protection: not required

Eye protection: not required

Hand protection: protective gloves made of plastic.

Other protective equipment: not required

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state – liquid

Odour – characteristic for the used fragrance composition

pH - ca. 7

Temperatures:

boiling point – ca. 100°C

melting point – ca. -5°C

flash point – non-flammable substance

auto-ignition – non-ignitable

Flammability – product not flammable.

Explosive properties – the preparation is not explosive.

Oxidising properties – the preparation does not have oxidizing properties.

Relative density – ca. 1.1 g/cm³

Solubility(ies):

water – without limitations

ethanol – without limitations

Partition coefficient: n-octanol/water – unknown

9.2 Other information

Minimum ignition energy: [mJ]

Electrical conductivity: [pS/m]

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Product stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

protect from temperatures below 5°C

10.5 Incompatible materials

Unknown

10.6 Hazardous decomposition products

not formed if using in accordance with recommendations

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity – if swallowed: no data available

Acute toxicity – respiratory system: no data available

Acute toxicity – if on skin: no data available

Skin corrosion/irritation: no data available

Serious damage to eyes/Eye irritation: no data available

Respiratory or skin sensitization: no data available

Mutagenic effect on reproductive cells: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

Toxic to organs or systems – single exposure: no data available

Toxic to organs or systems – repeated exposure: no data available

Aspiration hazard: no data available

Mixture not toxic at dosages accidentally introduced into a body.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

Mixture components are completely biodegradable.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

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12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product and packaging should be disposed in accordance with local applicable laws and environment protection regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 Transport by road/rail (ADR/RID).

The transport should take place with covered means of transport in sealed containers made of plastic. Open transport is allowed.

14.2 Transport by sea (IMDG).

Not subject

14.3 Transport by air (ICAO).

Not subject

14.4 Internal Waterways Transport (ADN)

Not subject

14.5 Environmental hazards

Not subject

14.6 Special precautions for user

Not subject

15. REGULATORY INFORMATION

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

Legislation in Poland:

1. The Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws of 2011, No 63, item 322).
2. Regulation of the Minister of Health of 20 April 2012 concerning the marking of packages of dangerous substances and mixtures, and some chemical mixtures (Journal of Laws 2012 No 0, item 445).
3. Regulation of the Minister of Health of 22 May 2012 on the method of marking of places, pipelines, containers and tanks for storing or containing hazardous substances or mixtures (Journal of Laws 2012 No 0, item 601).

EU legislation:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. Regulation 453/2010/EC amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
3. Regulation (EC) No 1272/2008 of the European Parliament on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 of 16 December 2008 (OJ L.08.353.1).

15.2 Chemical Safety Assessment

Chemical safety assessment was carried out for Sles 25% and betaine.

SECTION 16: OTHER INFORMATION

The above information was prepared based on the current state of knowledge and experience, and concern the product in the form in which it is used. Data concerning this product are presented in order to take account of safety requirements and not to guarantee its specific properties.

If the conditions of using the product are not under control of the manufacturer, the responsibility for safe use of the product falls to the user.

Employer is obliged to inform all employees who have contact with the product about the hazards and safety measures specified in this safety data sheet.

This safety data sheet is based on safety data sheets of the individual components of the preparation, provided by the manufacturers and/or internet databases, as well as valid regulations on hazardous substances and chemical preparations.