



SAFETY INSTRUCTIONS

LEDEROCLEAN

Update date: 05.01.2022 r.

[Prepared in accordance with EC regulation 1907/2006 (REACH) and 453/2010, 1272/2008 (CLP)]

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

1.1 Product identifier

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1.2. Relevant identified uses of the substance

Established use:

Professional preparation for cleaning natural and artificial leather - furniture and car upholstery.

1.3. Details of the supplier of the safety data sheet

Manufactured upon the order of the owner TM IGOCHEM IGOSA Sp.z o. o

Address: ul. Gliwicka 3 , 40-079 Katowice, Polska

Telephone: +48 (32) 131 48 93

E-mail : info@igochem.com

1.4. Emergency telephone number

112 (general emergency telephone), 998 (fire department), 999 (medical emergency)

SECTION 2: HAZARDS IDENTIFICATION

2.1 . Classification of the substance or mixture

H318 - Serious eye damage, category 1, eye damage.

2.2. Label elements Letter designation and indication of danger



GHS05 - DANGER

Names of hazardous ingredients on the label Undefined.

Threat Type Definition:

H318 - Causes serious eye damage, category 1, eye damage. one

Phrases about the correct handling of the mixture:

P102 - Keep out of the reach of children.

P103 - Read label before use.

P280 - Wear protective gloves.

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

P310 - Call a doctor immediately. Additional Information: Contains: nonionic surfactants (5-15%), phosphonates (<5%), fragrance (hexylcinnamic aldehyde, octanal, citronellylnitrile), preservatives (methylchloroisothiazolinone, methylisothiazolinone).

2.3. Other dangers

The substances contained in the product do not meet the PBT or vPvB criteria in accordance with Annex XIII of the REACH Regulation.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS



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3.1. Mixtures

Nr WE	Nr CAS	№ registration	Component	Percent concentration	Designation wg 1272/2008/WE
Polymer	69011-36-5	There is no data	C13 ethoxylated alcohols 6-20 TE	<10%	Eye Dam.1 H318; Acute Tox.4 H302
500-220-1	68515-73-1	There is no data	Alkylpolyglucoside	<5%	Eye Dam.1 H318
203-049-8	102-71-6	01-2119486482-31	Triethanolamine	<5%	Eye Irrit.2 H319; Skin Irrit.2 H315; STOT RE.2 H373
902-053-3	-	01-2119529230-52-xxxx	Alcohol mixture C2 and C3	<3%	Eye Irrit.2 H319; STOT SE.3 H336; Flam.Liq.2 H225
215-185-5	1310-73-2	01-2119457892-27-XXXX	Sodium hydroxide 1	<0,5%	Skin Corr.1A H314
611-341-5	55965-84-9	There is no data	Смесь 5-chloro-2metylo-2H-izotiazol-3-onu [nr WE 247-500-7] i 2 metylo-sHizotiazol-3-onu [Nr WE 220239-6] -(3:1)	<0,002%	Acute Tox.3/ H331, Acute Tox.3/H311, Acute Tox.3/ H301, Skin Corr.1B/H314, Skin Sens.1/ H317, Aquatic Acute1/H400, Aquatic Chronic1/H410

The full text of H phrases is given in section 16 of the SDS

SECTION 4: FIRST AID MEDICINES

4.1. Description of first aid measures

Inhalation:

Remove the victim to fresh air.

Skin contact: Wash skin with soap and water. In case of any skin reaction, please consult a doctor. **Eye contact:** In case of contact with eyes, rinse with plenty of water. Rinse with open eyes for 10 minutes. Avoid strong jets of water - risk of mechanical damage to the cornea. If irritation occurs, consult an ophthalmologist.

Esophagus: Rinse your mouth with water. If you feel unwell or have any other side effects, contact your doctor.

4.2. The most important symptoms, both acute and delayed, and the effects of injury

Airways: Exposure in this manner does not generally cause adverse health effects.

kin contact: Exposure in this way does not cause adverse health effects. **Eye contact:** Redness, tearing.

Esophagus: There is no data.

4.3. An indication of any immediate medical attention and special treatment for the casualty

Depending on the condition of the victim, the doctor makes appropriate decisions about the method of treatment.

Section 5: Fire Fighting Measures



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5.1. Fire-fighting equipment

Suitable extinguishing media:

Dry powder, carbon dioxide and water extinguishers. Fight large fires with water spray or alcohol-resistant foam. When choosing a fire extinguishing agent, consider materials that are at close range. Unsuitable extinguishing media: solid stream of water - danger of spreading fire.

5.2. Special hazards arising from the substance or mixture

Combustion may release harmful gases such as carbon oxides, silicon dioxide, sulfur oxides and nitrogen oxides. Combustion products should be avoided - they can be harmful to health.

5.3. Information for firefighters

Cool containers with water. When choosing a fire extinguishing agent, preparations stored nearby should be taken into account. General fire protection measures must be applied. Do not stay in the danger zone without appropriate equipment - chemically resistant protective clothing and respiratory protection equipment that is not dependent on the surrounding air.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Limit the access of unauthorized persons to the accident area until the end of the relevant cleaning operations. Make sure that disaster recovery and its consequences are carried out only by trained personnel. In case of large spills, isolate the affected area. Avoid contact with skin and eyes. Use personal protective equipment. Ensure proper ventilation. Do not breathe vapours. Do not walk on spilled product - risk of slipping.

6.2. Measures to protect the environment

If large quantities of the product are released, measures should be taken to prevent dissemination in the environment. Secure drains, water pipes, basements and enclosed spaces. Notify the appropriate emergency services. 6.3. Methods and material for containment and cleaning up in case of accidental contamination Spilled material should be collected with absorbent material (eg sand). This material is treated as waste closed in specially marked containers. After that, the place of contamination should be washed with water.

6.4 Links to other sections

Personal protective equipment - see Section 8.

Product Waste Disposal - See Section 13

SECTION 7: HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

7.1. Precautions for safe handling

Observe the general principles of occupational health and safety. Use recommended personal protective equipment. Avoid contact with skin and eyes. Ensure constant ventilation. Do not eat or drink while using the drug. Wash your hands thoroughly after use. Unused containers should be kept tightly closed and upright. . Store in the original, tightly closed container in a well-ventilated area. After opening, close the container and store in an upright position - to avoid spilling the drug.

7.2. Specific end use(s)

There is no data.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Substance	NDS [mg/m ³]	NDSch [mg/m ³]	NDSP [mg/m ³]
Sodium hydroxide	0,5	1	-
Ethanol	1900	-	-
Isopropanol	900	1200	-



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Recommended Monitoring Procedures

The procedures for monitoring the concentrations of hazardous components in the air and the procedures for controlling the purity of the air at the workplace should be used in accordance with the current Polish or European standards, taking into account the conditions prevailing at the place of exposure and the appropriate measurement methodology adapted to the working conditions. The mode, type and frequency of tests and measurements must comply with the requirements of the Decree of the Minister of Health of February 2, 2011 (Journal of Laws 2011, No. 33, paragraph 166, as amended).

8.2. Exposure controls

The general principles of occupational health and safety must be observed. Hands should be washed thoroughly during the use of the drug and immediately after use. Do not eat or drink while using the product. If protective clothing becomes soiled, wash it before next use.

Skin protection: protective gloves and protective clothing. The preparation contains a fragrance that can cause an allergic reaction, therefore it is recommended to avoid contact with the skin.

Eye protection: it is recommended to use protective goggles to avoid getting the drug into the eyes.

Respiratory protection: Respiratory protection is not required in well-ventilated areas. Environmental exposure controls: Do not allow large amounts of product to enter ground water, soil or wastewater.

Section 9: Physical and chemical properties

Form at 20°C liquid
Color colorless
Odor characteristic pH ok.
12.5 flash point not specified
melting/freezing point not specified
explosive properties: not specified
flammability not applicable
oxidizing properties not applicable
vapor pressure: No data
relative density ok. 1.026 g/ml solubility dissolves in water solvents
Partition coefficient No data
available n-octanol/water (log) not specified
vapor density No data
available evaporation rate No data
viscosity at 25°C No data
9.2. Other information
No additional test results.

Section 10: Stability and reactivity

10.1. Reactivity

The product is not reactive.

10.2. Chemical stability

The product is stable when properly stored and used.

10.3. Possibility of hazardous reactions

Under normal conditions of use and storage, hazardous reactions are not expected.

10.4. The conditions to avoid

Avoid sources of fire and heat.

10.5. Incompatible materials

There is no data.

10.6. Hazardous decomposition products



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Under normal storage/use conditions – unknown

Section 11: Toxicology Information

11.1. Information on toxicological effects

Component toxicity Branched ethoxylated alcohols C13 6-20 TE (CAS: 69011-36-5): Acute oral toxicity: LD50 = 500 - 2000 mg/kg, rat alkyl polyglucoside (CAS: 68515-73-1): Acute oral toxicity: LD50 > 5000 mg/kg, rat

Mixture toxicity

Acute toxicity: Based on available data, the product does not meet the acceptance criteria.

Corrosion/irritation: Based on available data, the product does not meet the classification criteria. Sensitization: The product contains perfume - an allergic reaction may occur. Repeated dose toxicity: Based on available data, the product does not meet the acceptance criteria.

Carcinogenicity: Based on available data, the product does not meet the acceptance criteria.

Mutagenicity: Based on available data, the product does not meet the acceptance criteria.

Reproductive toxicity: Based on available data, the acceptance criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity Component toxicity

Alkyl polyglucoside (CAS: 68515-73-1): Toxicity to fish: LC50 > 100 mg/l.

Toxicity to bacteria: EC50 > 100 mg/L. Mixture toxicity

The product is not classified as dangerous for the environment.

12.2. Persistence and degradability

It is predicted to be highly biodegradable based on biodegradation data of the individual components of the mixture.

12.3. Bioaccumulative potential

There are no data on the accumulation of the product in living organisms.

12.4. Mobility in soil

The product is completely soluble in water. May penetrate deeper soil layers.

12.5. PBT and vPvB assessment results

Uncertain.

12.6. Other harmful effects

Avoid direct release of large quantities of the drug into the environment.

Section 13: Disposal considerations

13.1. Waste disposal methods

Blend Recommendations

Dispose of in accordance with current regulations. Store leftovers in original packaging. Do not empty into sewer.

The waste code must be indicated at the place of its production. Recommendations for used packaging Recovery / recycling / disposal of packaging waste must be carried out in accordance with applicable regulations. Clean the packaging from the remnants of the hazardous drug. After thorough cleaning, the packaging can be recycled (cleaning agent - water).

Community legislation: Directives of the European Parliament and of the Council: 2008/98/EC and 94/62/EC. National legal acts: journal of laws 2001, no. 62, item 628 s later amended 2001, no. 63, item 638 as amended e.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number (UN number)

Not used

14.2. Correct shipping name



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Not used

14.3. Transport hazard class(es)

Not used 1

4.4. Packing group

Not used

14.5. Threats to the environment

Not used

14.6. Special Precautions for Users

Not applicable

14.7. Carriage in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code

Not used

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations specific to the substance and mixture

Law of 25 February 2011 on Chemical Substances and Their Mixtures (Journal of Laws no. 63, item 322).

Decree of the Minister of Health of April 20, 2012. On the labeling of packaging of hazardous substances and hazardous mixtures and certain mixtures (Journal of Laws No. 79, item 445). Ordinance of the Minister of Health of 10 August 2012 On criteria and methods for the classification of chemicals and their mixtures. Ordinance of the Minister of Labor and Social Policy of 06/06/2014 On the maximum permissible concentrations and intensity of components harmful to health in the working environment. Government Declaration of 16 January 2009 Concerning the entry into force of the amendments to Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 (Journal of Laws No. 27, paragraph 162).

Law of May 11, 2001 on packaging and packaging waste (Journal of Laws No. 63, item 638, as amended). Decree of the Minister of Economy of 21 December 2005 on the basic requirements for personal protective equipment (Journal of Laws no. 259, item 2173). 1907/2006/EC Regulation on the Registration, Evaluation, Authorization and Use of Restrictions on Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended d.

1272/2008/EC Regulation of the European Parliament and of the Council of 16 December 2008 on the 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 .

1999/45/EC Directive of the European Parliament and of the Council of 31 May 1999 on the approximation of the laws, regulations and administrative provisions of the Member States concerning the classification, packaging and labeling of dangerous preparations.

790/2009 / EU Commission Regulation of 10 August 2009 adapting to scientific and technological progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures.

2006/12/EC Directive of the European Parliament and of the Council of 5 April 2006 on waste.

94/62/EC Directive of the European Parliament and of the Council of 20 December 1994 on packaging and packaging waste.

648/2004/EC Regulation of the European Parliament and of the Council of 31 March 2004 on detergents and later

15.2. Chemical Safety Assessment

Not specified.

SEKCJA 16: INNE INFORMACJE

Full text of R-phrases from Section 3 of the Safety Data Sheet

H301 - Toxic if swallowed.

H302 - Harmful if swallowed.

H311 - Toxic in contact with skin.

H314 Causes severe skin and eye burns.



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H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H331 - Toxic by inhalation.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

Explanation of abbreviations and acronyms

NDS - Maximum Permissible Concentration

STEL - Instantaneous Maximum Concentration

STEL - Maximum Permissible Limit Concentration vPvB - (Substance)

Very persistent and highly bioaccumulative.

PBT - (Substance) Persistent, bioaccumulative and toxic.

Eye Dam.1 - Serious eye damage, category 1.

Skin Corr.1A - Corrosion, category 1A

Skin Corr.1B - Corrosive, category 1B.

skin sens. 1 - Skin sensitization, category 1. A.

Acute Tox.4 - Acute toxicity, category 4.

Acute Tox.3 - Acute toxicity, category 3.

Aquatic Acute1 - Hazardous to the aquatic environment, category 1.

Aquatic Chronic1 - Hazardous to the aquatic environment, category 1.

The above information has been created on the basis of currently available data characterizing the product, as well as the experience and knowledge that the manufacturer has. It does not constitute a qualitative description of the product or a promise of specific properties. The information should be regarded as an aid to safe handling during transport, storage and use of the product.

This does not release the user from liability for the misuse of the above information and from compliance with all legal regulations in this area.