

SAFETY DATA SHEET

according to Regulation (EU) 2020/878 of 18 June 2020

D-Tox

Date of compilation: 25.05.2021

Revision:

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

1.1. Product identifier

Product name: **D-Tox**

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

Identified uses: car care product

Uses advised against: undefined

1.3. Details of the supplier of the safety data sheet

Manufacturer:

LIPORT Wojciech Liszega
ul. Krasickiego 2a/73
81-385 Gdynia

Production facility:

Leśna 8
83-010 Straszyn

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Skin Sens. 1

H317 May cause an allergic skin reaction.

2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008

Signal word

WARNING

Pictograms



Substances to be listed on the label

Sodium mercaptoacetate

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

General

P102

Keep out of reach of children.

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Prevention

P280

Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

Storage

None

Removal

P501

Dispose of contents/container to properly labeled waste containers in accordance with local regulations.

Supplemental information

Ingredients content according to regulation 648/2004 / EC

Anionic surfactants < 5 %

2.3. Other hazards

This mixture does not contain substances that meet the criteria for PBT or vPvB in accordance with Annex XIII.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Name of substance	Identifier	Classification 1272/2008	% weight
Sodium mercaptoacetate	Index: -- CAS: 367-51-1 EC: 206-696-4 Reg. no. REACH: 01-2119968564-24-XXX	Met. Corr. 1 H290 Acute Tox. 3 H301 Acute Tox. 4 H312 Skin Sens. 1 H317	4,5 - < 7
Alcohols, C12-14, ethoxylated sulfates, sodium salts ^[1]	Index: -- CAS: 68891-38-3 EC: 500-234-8 Reg. no. REACH: 01-2119488639-16-XXXX	Eye Dam. 1 H318 Skin Irrit. 2 H315 Aquatic Chronic 3 H412	1 – 2,5

Notes

The full meaning of the risk phrases H included in the chapter 16

^[1] Specific concentration limits

Alcohols, C12-14, ethoxylated sulfates, sodium salts: Eye Irrit. 2: ≥ 5 - < 10, Eye Dam. 1: ≥ 10

^[2] Substances for which there are national occupational exposure limit values

^[3] Substances for which there are Union workplace exposure limits

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Ensure warmth and calm.

Provide medical assistance if necessary.

Ingestion

Do not induce vomiting.

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Rinse mouth.

If unconscious – do not give the person anything to swallow.

Transport the injured person to a hospital if necessary.

Eye contact

Remove contact lenses.

Rinse contaminated eyes with lukewarm water for 10-15 minutes with the eyelids rolled back. Avoid strong water stream due to the risk of mechanical damage to the cornea.

Provide medical assistance if necessary.

Skin contact

Remove contaminated clothing immediately.

Clean contaminated skin, wash with plenty of water, then wash with water and mild soap.

If skin irritation persists, consult a doctor.

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

No data available

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

Symptomatic treatment.

First aid supplies should be available on the workplace premises.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Fire-fighting foam, carbon dioxide CO₂, fire-extinguisher powders, dispersed water

Unsuitable extinguishing media

Do not direct dense jets of water onto the surface of a burning product.

5.2. Special hazards arising from the substance or mixture

Combustion products

Toxic thermal decomposition products, as well as carbon monoxide and carbon dioxide (CO_x) may be generated during combustion.

Explosive mixtures

Not applicable

5.3. Advice for firefighters

Use standard firefighting methods for extinguishing chemical fires.

Use water to cool containers exposed to high temperatures, and if possible, remove them from the area affected.

Use water spray jets to disperse vapours.

Fire-fighter protective equipment

Full personal protective equipment.

Self-contained breathing equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with eyes and skin. Wear appropriate protective equipment. Remove all sources of ignition. Keep all persons not equipped with personal protection equipment away.

In case of a discharge of a significant volume of the mixture, warn its users and order all bystanders to leave the contaminated area.

Risk of slipping on spilt product.

6.2. Environmental precautions

Prevent environmental contamination.

Protect drains.

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In case of serious contamination of soil, watercourse or sewage system, notify the appropriate authorities.

6.3. Methods and material for containment and cleaning up

Secure any damaged packaging.

Ventilate the area affected and avoid inhaling vapours.

Collect with absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite).

Place all contaminated mass collected in a substitute container and send it for disposal in accordance with the local regulations.

Rinse the contaminated surface with plenty of water.

6.4. Reference to other sections

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Recommendations for handling the mixture

Provide adequate ventilation.

Avoid contact with eyes and skin.

Avoid inhaling product vapours/spray.

General industrial health and safety regulations

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Replace contaminated clothing.

Wash contaminated clothing before reusing.

7.2. Conditions for safe storage, including any incompatibilities

Storage rooms must be ventilated.

Keep container tightly closed.

Store in a dry and cool place.

Keep only in the original container.

Keep away from sunlight, as well as heat and ignition sources.

Do not store together with foodstuffs and animal feed.

Read the safety data sheet.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace

Name of the chemical agent	CAS	Limit values				Comments
		Long-term	Short-term	ppm	mg/m ³	
		ppm	mg/m ³	ppm	mg/m ³	
--	--	--	--	--	--	-

DNEL

Sodium mercaptoacetate

Workers, long-term exposure, systemic effects, inhalation: 1.41 mg / m³

Workers, long-term exposure, systemic effects, skin: 2.06 mg / kg bw / day

Workers, long-term exposure, local effects, skin: 0.004 mg / m²

Consumers, long-term exposure, systemic effects, inhalation: 0.348 mg / m³

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Consumers, long-term exposure, local effects, skin: 0.004 mg / m²
Consumers, long-term exposure, systemic effects, oral: 0.002 mg / kg bw / day
Alcohols, C12-14, ethoxylated sulfates, sodium salt
Workers, Long-term Exposure, Systemic Effects, Skin: 2750 mg / kg
Workers, long-term exposure, systemic effects, inhalation: 175 mg / cm³
Consumers, long-term exposure, systemic effects, skin: 1650 mg / kg bw / day
Consumers, long-term exposure, systemic effects, inhalation: 52 mg / cm³
Consumers, long-term exposure, systemic effects, oral: 15 mg / kg bw / day

PNEC

Sodium mercaptoacetate

Fresh water: 38 µg / l

Sea water: 38 µg / l

Sewage treatment plant (STP): 3.2 mg / l

Alcohols, C12-14, ethoxylated sulfates, sodium salt

Fresh water: 0.24 mg / l

Sea water: 0.024 mg / l

Fresh water sediment: 0.9168 mg / kg

Sewage treatment plant (STP): 10,000 mg / l

Soil: 7.5 mg / kg

8.2. Exposure controls

Appropriate engineering controls

Workstations and storage rooms must be well ventilated.

Individual protection measures



Eye or face protection

Use safety goggles compliant with the EN 166 standard.

Eye wash bottle with clean water or eye washers must be provided near the work area.

Skin protection



Hand protection

Use chemical-resistant protective gloves compliant with the EN 374 standard.

Recommended material: nitrile rubber

Select glove material based on breakthrough time, rate of penetration and degradation.

It is recommended to change gloves regularly and immediately replace them if they have any signs of wear, damage (tears, holes) or their appearance changes (colour, flexibility, shape).

Body protection

Suitable protective clothing

The type of protective equipment must be selected based on the quantity and concentration of hazardous substances in the given work environment.

Respiratory protection

If proper ventilation is provided, respiratory protection equipment is not required.

Environmental exposure controls

Do not discharge into drains and groundwater.

General health and safety guidelines

Follow good personal hygiene practices.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	No data available
Odour	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	No data available
Lower and upper explosion limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Density and/or relative density	No data available
Relative vapour density	No data available
Particle characteristics	No data available

9.2. Other information

Information with regard to physical hazard classes	No data available
Other safety characteristics	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is not chemically reactive if stored and used under proper conditions.

10.2. Chemical stability

The mixture is chemically stable if stored and used under proper conditions.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Avoid high temperatures, direct sunlight, hot surfaces and open flames. Protect against frost.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Not present when handled as intended.

SECTION 11: Toxicological information

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

Acute toxicity

Based on available data, the classification criteria are not met.

Sodium mercaptoacetate 46%

ATE (oral): 350 mg / kg

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ATE (skin):> 2000 mg / kg

LD50 (oral, rat): 200 - 500 mg / kg (OECD 423 Acute Oral Toxicity - Acute Toxic Loss Method)

Alcohols, C12-14, ethoxylated sulfates, sodium salt

LD50 (oral, rat): > 5000 mg/kg (OECD 401)

LD50 (skin, rat): >2000 mg/kg (OECD 402)

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

No data

Other information

No data

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

Alcohols, C12-14, ethoxylated sulfates, sodium salt

Toxicity to fish:

LC50 (Leuciscus idus):> 10 - 100 mg / l (OECD 203)

Toxicity to aquatic invertebrates:

EC50 (Daphnia magna):> 10 - 100 mg / l (OECD 202)

Toxicity to aquatic plants:

EC50 (Scenedesmus subspicatus):> 10 - 100 mg / l (OECD 201)

Toxicity to microorganisms:

EC0 (Pseudomonas Putidia):> 100 mg / l (DIN 38412)

Chronic toxicity to fish:

NOEC (Leuciscus idus): 1 - 10 mg / l

Chronic toxicity to aquatic invertebrates:

NOEC (Daphnia magna): 0.1 - 1 mg / l

12.2. Persistence and degradability

Surfactants used in the product meet the biodegradability requirements in accordance with Regulation (EC) no 648/2004/EC as amended.

Alcohols, C12-14, ethoxylated sulfates, sodium salt

Readily biodegradable

12.3. Bioaccumulative potential

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Alcohols, C12-14, ethoxylated sulfates, sodium salt

Bioaccumulation in organisms is not expected.

12.4. Mobility in soil

Alcohols, C12-14, ethoxylated sulfates, sodium salt

The substance does not evaporate from the water surface to the atmosphere.

12.5. Results of PBT and vPvB assessment

This mixture does not contain substances that meet the criteria for PBT or vPvB in accordance with Annex XIII.

12.6. Endocrine disrupting properties

No data

12.7. Other adverse effects

No data

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with current regulations.

Hand over any used packaging to an authorised company for disposal or reuse.

Do not release into the environment.

SECTION 14: Transport information

14.1. UN number or ID number

not applicable

14.2. UN proper shipping name

not applicable

14.3. Transport hazard class(es)

not applicable

Label no. :

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

No

14.6. Special precautions for user

not applicable

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

- Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH).
- REGULATION (EC) No 1907/2006 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.
- 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)

15.2. Chemical safety assessment

No mixture chemical safety assessment has been carried out.

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SECTION 16: Other information

Full text of H-phrases mentioned in section 3:

H290	May be corrosive to metals.
H301	Toxic if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Classification procedures according to Regulation (EC) 1272/2008

Classification based on calculation procedure.

Abbreviations and Acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

PP: Severe Marine Pollutant

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Note to readers

The product described in the safety data sheet should be stored and used in accordance with good industrial practices and in compliance with all applicable legal regulations.

The information contained in the safety data sheet is based on the current state of knowledge and is intended to describe the product in terms of health, safety and environmental regulations. It should not be considered a guarantee of any specific product properties.

We cannot make any representations or warranties regarding the accuracy or completeness of any information provided or the quality or specifications of any products, substances or mixtures discussed herein.

The user is responsible for creating conditions for the safe use of the product and for the consequences of its misuse.

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