

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Date of compilation: 10.06.2021

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

- **1.1 Product identifier**
- **Trade name:** Elite Bike Cleaner
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
Descriptors (SU category, PC, PROC, ERC, AC) of the substance or mixture are not available.
- **Sector of Use** SU21 Consumer uses: Private households / general public / consumers
- **Application of the substance / mixture**
- **Not recommended uses** All except above mentioned uses.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
EDURES n.o.
SK-955 01 Velušovce 250
tel.: +421 905 226 818
email: mario.patoprsty@edures.sk
- **Further information obtainable from:** EKO-ADR, s.r.o., ekoadr@ekoadr.sk
- **1.4 Emergency telephone number:**
Poisons Centres in Europe (consultation in case of acute intoxication):
<http://www.eapcct.org/index.php?page=links>

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Product is classified as hazardous.
Eye Dam. 1 H318 Causes serious eye damage.
- **Additional information:** For the full text of the classification see section 16.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labelling:**
Isotridecanol, ethoxylated
- **Hazard statements**
H318 Causes serious eye damage.
- **Precautionary statements**
P102 Keep out of reach of children.
P280 Wear eye protection / face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER.
- **Additional information:** Content labeling of detergents, see Section 3 SDS.

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT / vPvB:**
According to the information available, the product does not meet criteria such as PBT (persistent, bioaccumulative and toxic) or as vPvB (very persistent, very bioaccumulative) in accordance with Annex XIII of REACH (substance on its own or in a mixture).
- **Determination of endocrine-disrupting properties**
According to the information available, the product does not meet the criteria for having endocrine disrupting properties (substance on its own or in a mixture).

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SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: The aqueous solution containing surfactants and additives.

Dangerous components:

CAS: 69011-36-5 NLP: 500-241-6	Isotridecanol, ethoxylated	 Eye Dam. 1, H318; Aquatic Chronic 3, H412	3.5-4.5%
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Regulation (EC) No 648/2004 on detergents / Labelling for contents

non-ionic surfactants, phosphonates, polycarboxylates	<5%
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Additional information:

For the wording of the listed hazard statements (so-called H sentence) and supplemental hazard statements (so-called EUH sentence) refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
General information:

Remove contaminated clothing and shoes (use of personal protective equipment, see section 8). In case of any uncertainty or if any symptoms occur, seek medical assistance and show this SDS or label. Protect your health. Information for doctor: treatment is symptomatic.

After inhalation: Ensure of fresh air. In the event of symptoms refer for medical treatment.

After skin contact:

In case of contact with skin wash off with soap and water. Remove contaminated clothing. Seek medical help if necessary.

After eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical help if necessary.

After swallowing:

If swallowed by mistake wash out with plenty of water. Do not induce vomiting. Call doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available (for more see sections 2 and 11).

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:

Product is non-combustible.

Carbon dioxide, dry extinguisher, alcohol resistant foam (large fire). Cool container at risk with water jet spray. Fire-extinguishing activities according to surrounding.

For safety reasons unsuitable extinguishing agents: Not determined.

5.2 Special hazards arising from the substance or mixture

In heated or fire, it can create harmful gases and vapors. Inhalation of hazardous decomposition products may cause damage to health.

 Carbon dioxide (CO₂).

Carbon oxide (CO).

5.3 Advice for firefighters
Protective equipment:

Do not stay in dangerous zone without self-contained breathing apparatus. Use chemical overall and equipment.

Additional information

Cool container with spray water from a safe distance. Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel:

Do not inhale vapours/aerosols. Ensure supply of fresh air in enclosed rooms. Avoid contact with eyes and skin.

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6.1.2. For emergency responders:

More info in section 5.

- **6.2 Environmental precautions:** Do not discharge into the drains/surface waters/groundwater.
- **6.3 Methods and material for containment and cleaning up:**
Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust). Forward for disposal. Clean up affected area.
- **6.4 Reference to other sections**
See section 7 for information on safe handling. See section 8 for information on personal protective equipment. See section 13 for information on safe disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Before the usage check out sections 2, 6, 8 and 11. Don't breathe aerosols/fumes. Eating, drinking, smoking as well as food storage, is prohibited in work room.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store tightly closed in a well-ventilated place, away from sources of ignition and heat.
Store only in the original properly sealed and marked containers.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Do not store with incompatible materials (see section 10).
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** Right usage of product is enclosed in product documentation or on label.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace under EU law (for more information check out the national/local requirements).
- **8.2 Exposure controls**
- **8.2.1 Appropriate engineering controls:**
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
- **8.2.2 Individual protection measures, such as personal protective equipment:**
- **Respiratory protection:** Not required.
- **Skin protection / Hand protection**
Normally it not required. In case of prolonged skin contact, or sensitive skin use:



Protective gloves (EN 374).

- **Material of gloves**
Nitrile rubber, NBR (EN 374).
Recommended thickness of the material: ≥ 0.4 mm
- **Penetration time of glove material**
 ≥ 480 min (EN 374).
Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye/face protection**



Use tight-fitting protective goggles with side protection or face shield (EN 166).

· **Skin protection / Other:** Not required.

· **Thermal hazards** Void.

· **8.2.3 Environmental exposure controls**

Close the packaging properly after and during the work. Store containers stably. Avoid tipping over unsecured packaging. Clean contaminated packaging from contaminant.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Physical state:**

Fluid

· **Colour:**

Transparent

White

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

Undetermined.

· **Flammability**

Not applicable.

· **Lower and upper explosion limit**

· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Flash point:**

Not applicable.

· **Auto-ignition temperature:**

Not determined.

· **Decomposition temperature:**

Not determined.

· **pH**

7-7.5

· **Kinematic viscosity**

Not determined.

· **Dynamic:**

Not determined.

· **Solubility**

· **water:**

Soluble.

· **Partition coefficient n-octanol/water (log value)**

Not determined.

· **Vapour pressure:**

Not determined.

· **Density and/or relative density**

· **Absolute density at 20 °C:**

1-1.1 g/cm³

· **Relative vapour density**

Not determined.

· **Particle characteristics**

Void

· **9.2 Other information**

· **Explosive properties:**

Product does not present an explosion hazard.

· **VOC (EC)**

Not determined.

· **Change in condition**

· **Evaporation rate**

Not determined.

· **Information with regard to physical hazard classes**

· **Explosives**

Void

· **Flammable gases**

Void

· **Aerosols**

Void

· **Oxidising gases**

Void

· **Gases under pressure**

Void

· **Flammable liquids**

Void

· **Flammable solids**

Void

· **Self-reactive substances and mixtures**

Void

· **Pyrophoric liquids**

Void

· **Pyrophoric solids**

Void

· **Self-heating substances and mixtures**

Void

· **Substances and mixtures, which emit flammable gases in contact with water**

Void

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· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** See section 10.3.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** See section 7.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** See above section "Possibility of hazardous reactions".
- **10.6 Hazardous decomposition products:** See section 5.

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.
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:**
Causes serious eye damage.
- **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.
- **Respiratory or skin sensitisation** 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.
- **Ingestion resposns:**
Ingestion: abdominal discomfort and other negative effects (sickness, nausea etc.). The effects may be immediate, or even later.
- **Mixtures / mixture versus substance information**
For information on the effect of the mixture, see previous information in section 11.
Information on the possible health effect of the substances in this mixture is given in sections 3 and 16.
- **Information on likely routes of exposure** See the above information in section 11.
- **Symptoms related to the physical, chemical and toxicological characteristics**
See the above information in section 11.
- **Delayed and immediate effects as well as chronic effects from short and long-term exposure**
See the above information in section 11.
- **Interactive effects** No data available.
- **Absence of specific data** No data available.
- **11.2 Information on other hazards**
- **Endocrine disrupting properties**
None of the ingredients is listed.
- **Other information** See the above information in section 11.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - **Aquatic toxicity:**
- | | |
|---|-----------------------------------|
| CAS: 69011-36-5 Isotridecanol, ethoxylated | |
| EC50 (48 hod.) | 4.4 mg/l (daphnia) (OECD 202) |
| LC50 (96 hod.) | 1-10 mg/l (fish) |
| EC50 | >1,000 mg/l (bacteria) (OECD 209) |

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- **12.2 Persistence and degradability**
 Biodegradability of surfactants complies with the biodegradability criteria laid down in Regulation EC 648/2004.
 isotridecanol, ethoxylated: > 70% / 28 days according to OECD 301 A, 67% / 28 days according to OECD 301 B, > 60% / 28 days according to OECD 301 E.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
 The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
 Not classified as hazardous for environment.
 Do not allow product to reach ground water, water course or sewage system, even in small quantities.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
 Hand over the waste only to a person authorized for further waste disposal / processing according to the waste catalog. At compliance with all physico-chemical (and other) aspects of the nature of the waste respect the waste management hierarchy: 1. Prevention, 2. Reuse, 3. Material recovery (recycling), 4. Other uses (eg energy), 5. Disposal (eg landfilling - only for solid or stabilized liquid waste). See section 15 for waste disposal legislation.
- **European waste catalogue**
 Catalogue numbers with an asterisk (*) indicate hazardous wastes (H), numbers without asterisk indicates non-hazardous waste (NH).

20 01 30	detergents other than those mentioned in 20 01 29
15 01 02	plastic packaging
20 01 39	plastics

- **Uncleaned packaging:**
- **Recommendation:** Dispose as a non hazardous waste.

SECTION 14: Transport information

· 14.1 UN number or ID number · ADR/RID/ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR/RID/ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR/RID/ADN, IMDG, IATA · Class	Void
· ADN/R Class:	- Void
· 14.4 Packing group · ADR/RID/ADN, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.

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SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EU) 2019/1148 on the marketing and use of explosives precursors**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Tactile warnings** It may not be placed on the packaging.
- **Packaging to be fitted with child-resistant fastenings** It may not be placed on the packaging.
- **European legislation:**
 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP), amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (and subsequent amendments and supplements).
 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 (and subsequent amendments and supplements).
 COMMISSION REGULATION (EU) No 2020/878 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).
 Commission Regulation (EU) 2018/605 of 19 April 2018 amending Annex II to Regulation (EC) No 1107/2009 by setting out scientific criteria for the determination of endocrine disrupting properties.
 DIRECTIVE 2008/98/EC OF THE EP AND OF THE COUNCIL on waste and repealing certain Directives (and subsequent amendments and supplements).
 Regulation of the European Parliament and Council Regulation (EC) No. 648/2004 on detergents, as amended.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
 The classification of the mixture was performed according to the calculation methods given in CLP Annex I.

- **Relevant hazard statements and supplemental hazard statements**
 H318 Causes serious eye damage.
 H412 Harmful to aquatic life with long lasting effects.
- **Training hints** Workers must be trained in accordance with local provisions.

- **Abbreviations and acronyms:**

ADR: Accord sur le transport des marchandises dangereuses par Route (Agreement concerning the International Carriage of Dangerous Goods by Road)
 CAS: Chemical Abstract Service
 CLP – Classification, Labeling and Packaging of substances and mixtures (abbreviation for Regulation 2008/1278/EC)
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 ErC50: value of the effective concentration of the test substance at which 50% of the test organisms die or immobilize
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 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)
 IMDG: International Maritime Code for Dangerous Goods
 LC50: lethal concentration that causes death in 50% of the test population
 LD50: lethal dose that causes death in 50% of the test population (median lethal dose)
 NLP: No-Longer Polymers
 NO(A)EL: dose value without observed adverse effect
 NOEC: highest concentration of the substance at which no adverse effects are observed
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 SDS: Safety Data Sheet
 UFI: unique formula identifier (code according related toxicological center can identify the dangerous properties of the substance / mixture from the label after poisoning)
 VOC: Volatile Organic Compounds (USA, EU), TOC: Total Organic Compounds

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PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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