

EcoCleaner

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

1.1 Product identifier

Trade name: EcoCleaner

1.2 Relevant identified uses of the substance or mixture and uses that are discouraged

General Use: Electrochemical weld seam cleaning
For industrial purposes only

1.3 Details of the supplier providing the safety data sheet

Company name: Reuter GmbH & Co. KG
Street/P.O. Box: Schimmelbusch Str. 9e
Zip code, city: 40699 Erkrath, Germany
www.reuter.works

WWW:

Email: mail@reuter.works
Telephone: +49(211)73060430

1.4 Emergency number

+49(0)171 5450200

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC Regulation 1272/2008 (CLP)

This mixture is classified as non-hazardous.

2.2 label elements

Marking (CLP)

Warnings: not applicable

Safety: not applicable

2.3 Other hazards

This substance/mixture does not contain components in concentrations of 0.1 % or higher that are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).
No information available

SECTION 3: Composition/ingredient information

3.1 Substances: not applicable

3.2 Mixtures

No hazardous substance or mixture

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General information:	No special first aid measures required.
If inhaled:	After inhaling the fire gases, decomposition products or dust, go out into the fresh air in the event of an accident. If symptoms persist, consult a doctor
After skin contact:	Remove soiled clothing and shoes immediately. Wash off with soap and plenty of water.
After eye contact:	Protect uninjured eye. Remove existing contact lenses if possible. Rinse immediately with plenty of water for at least 15 minutes, including under the eyelids.
After swallowing:	Rinse mouth with water and drink plenty of water. Do not administer milk or alcoholic beverages. Never put anything through the mouth of a fainting person.

4.2 Main acute and delayed symptoms and effects

No data available

4.3 Indications of immediate medical assistance or special treatment

Symptomatic treatment.

SECTION 5: Firefighting Measures

5.1 Extinguishing agents

Suitable extinguishing agents: Adjust extinguishing agent to the fire environment.

5.2 Specific hazards posed by the substance or mixture

Do not allow run-off water from firefighting to get into wastewater or watercourses.

No dangerous burn points known.

5.3 Instructions for firefighting

Special protective equipment for firefighting:

Wear ambient air-independent breathing apparatus and fire protective clothing.

Additional Notes:

Collect contaminated extinguishing water separately and must not end up in the sewer system. Fire residues and contaminated extinguishing water must be disposed of in accordance with local government regulations

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and procedures to be followed in emergencies

Use personal protective equipment.

6.2 Environmental protection measures

Prevent penetration into soil, water or sewers.
If necessary, notify the competent authorities.

6.3 Methods and material for retention and purification

Mechanically pick up with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder) and dispose of in suitable containers. Cleaning. Do not allow to dry.

6.4 Reference to Other Sections

EcoCleaner

See sections 8 and 13 for additional references.

SECTION 7: Handling and Storage

7.1 Protective measures for safe handling

Notes on safe handling:

Ensure good ventilation of the warehouse and workplace.
Wear appropriate protective equipment.
Wash your hands before breaks and at the end of work. Remove contaminated clothing and wash before wearing it again.

7.2 Conditions for safe storage taking into account incompatibilities

Requirements for storage rooms and containers:

Keep container tightly closed.

Storage instructions: Keep away from food, beverages and feed.

Storage class: 12 = Non-flammable liquids

7.3 Specific End Applications

For electrochemical weld cleaning.

SECTION 8: Limitation and Monitoring of Exposure/Personal Protective Equipment

8.1 Parameters to Monitor

Additional Notes: Does not contain substances with occupational exposure limits.

8.2 Limiting and monitoring exposure

Ensure good ventilation of the work area and/or extraction device at the workplace.

Personal protective equipment

Limiting and monitoring occupational exposure

Respiratory: not necessary when handled as intended

Guard: not necessary if handled as intended.

Use gloves in case of prolonged or repeated contact.

Recommended: Chemical protection glove made of butyl rubber or

Category III nitrile rubber according to EN 374-1: 2003 (0.4 mm)

Eye protection: not necessary when handled as intended

Body Protection: not necessary if handled as intended.

Limiting and monitoring environmental exposure

Prevent the material from entering the sewer system or watercourses as much as possible

SECTION 9: Physical and Chemical Properties

9.1 Information on the Basic Physical

and chemical properties

Physical state at 20 °C and 101.3 kPa

Color:

Smell:

Odour threshold:

Melting point/freezing point:

Boiling start and boiling range:

Inflammability:

Upper/lower flammability or explosion limit

Flash Point/Flame Range:

Decomposition Temperature:

pH:

Viscosity, dynamic:

Solubility in water:

Distribution coefficient n-octanol/water:

Vapor pressure:

Density:

Vapor density:

Particle properties:

Form: Liquid

Green

characteristic

No data available

No data available

No data available

No data available

No data available

No data available

not applicable

No data available

5,5 - 7

approx. 4,000 mPa.s at 20 °C

Fully miscible

No data available

No data available

1.1 g/mL

No data available

Not applicable

9.2 Other information

Explosive properties:

Oxidizing properties:

Autoignition temperature:

The product is not explosive.

No data available

not self-igniting

Evaporation speed:

Other information:

No data available

No data available

SECTION 10: Stability and Reactivity

10.1 Reactivity

Stable under specified storage conditions., No dangerous reactions known when handled as intended

10.2 Chemical Stability

Stable under specified storage conditions.

10.3 Possibility of Dangerous Reactions

No dangerous reactions when stored and handled properly

10.4 Conditions to Avoid

Protect from frost

10.5 Incompatible materials

No data available.

10.6 Dangerous decomposition products

Thermal decomposition: No data available

SECTION 11: Toxicological information

11.1 Information on hazard classes within the meaning of Regulation (EC) No. 1272/2008

Toxicological effects: as such, no toxicological data are available.

Acute toxicity (oral): Based on the available data, the classification criteria are not met. Missing data.

Acute toxicity (dermal): Based on the available data, the classification criteria are not met.
Missing data.

Acute toxicity (inhalation): Based on the available data, the classification criteria are not met.

Corrosive/irritating effect on the skin: Missing data.

Severe eye damage/irritation: Missing data.

Respiratory awareness: Lack of data.

Skin sensitization: Missing data.

Germ cell mutagenicity/genotoxicity: Missing data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on and through breast milk: Missing data.

Specific target organ toxicity (one-time exposure): Missing data.

Specific target organ toxicity (repeated exposure): Missing data.

Risk of aspiration: Lack of data.

11.2 Information on other hazards

Endocrine-disrupting properties:

No data available

Other information:

No data available

SECTION 12: Environmental Claims

12.1 Toxicity

Water hazard class: no data available

12.2 Persistence and Degradability

Other notes: Biodegradable

12.3 Bioaccumulation potential

OECD/OCDE 301A 98,4%

12.4 Mobility in the ground

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine Disrupting Properties

No data available

12.7 Other Adverse Effects

General information:

Do not allow to enter groundwater, water bodies or sewers.

SECTION 13: Disposal Instructions

13.1 Waste treatment methods

Product

Waste code number:

European Waste Catalogue :20 01 29, According to the European Waste Catalogue (EAK), waste code numbers are not product-related but application-related.

Recommendation:

waste code numbers should be provided by the consumer, if possible in consultation with the Waste disposal authorities, issued disposal in accordance with official regulations.

Packaging

Waste code number:

15 01 02 = Plastic packaging.

Disposal in accordance with official regulations.

Recommendation:

Uncontaminated and empty packaging can be recycled.

SECTION 14: Transportation Information

14.1 UN number or ID number

ADR/RID, IMDG, IATA-DGR: n/a

14.2 Proper UN shipping designation

ADR/RID, IMDG, IATA-DGR: Not restricted

14.3 Transport hazard classes

ADR/RID, IMDG, IATA-DGR: n/a

14.4 Packaging Group

ADR/RID, IMDG, IATA-DGR: n/a

14.5 Environmental hazards

Hazardous to the environment: substance/mixture is to be determined according to the criteria of the UN model regulations do not pose a risk to the environment.

Marine pollutant: no

14.6 Special precautions for the user

Not dangerous goods within the meaning of these transport regulations.

14.7 Carriage of bulk cargo by sea in accordance with IMO instruments

No data available

SECTION 15: Legislation

15.1 Safety, health and environmental protection rules/specific legislation for the substance or mixture

National Regulations - Germany

Storage class: 12 = Non-flammable liquids

Water hazard class: 1 = slightly hazardous to water

Other Rules, Restrictions, and Ordinances:

EcoCleaner

No data available

Warnings: not applicable
Safety: not applicable
Other Rules, Restrictions, and Ordinances:

No data available

15.2 Chemical safety assessment

No chemical assessment of the mixtures and substances contained was carried out

SECTION 16: Other Disclosures

Text of the H-phrases under Sections 2 and 3:

deleted

Reason for recent changes:

First issue date:

Abbreviations and acronyms: ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
AS/NZS: Australian/New Zealand Standard
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: classification, labeling and packaging
DMEL: Derived Exposure Altitude with Minimal Impairment
DNEL: Inferred Non-Effect Concentration
EC: European Community
EN: European Standard
EQ: Exempt Quantities
EU: European Union
Eye Irrit.: Irritating effect on the eyes
IATA: Association for International Air Transport
IATA-DGR: Association for International Air Transport – Dangerous Goods Regulations
IBC code: International code for the construction and equipment of ships for the transport of hazardous chemicals in bulk
IMDG Code: Dangerous Goods Regulations for International Sea Transport
LD50: Lethal Dose 50%
MARPOL: International Convention for the Prevention of Pollution from Ships
OECD: Organisation for Economic Co-operation and Development
OSHA: Occupational Health and Safety Administration, America
Ox. Sol.: Oxidizing solids
PBT: Persistent, bioaccumulative and toxic
PNEC: Estimated Non-Effect Concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Regulations for the International Carriage of Dangerous Goods by Rail
Skin Irrit.: Irritant effect on the skin TRGS:
Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative

The information in this data sheet is compiled to the best of our knowledge and corresponds to the state of knowledge at the revision date. However, they do not guarantee compliance with certain characteristics in the sense of legally binding.