

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 29/4/2021
Version: 10.1
Language: en-GB,IE
Date of print: 15/7/2021**X-treme Cleaner**

Material number 834

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name: X-treme Cleaner

UFI: 98J0-30R7-G00E-T2N7

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

General use: Cleaning agent

1.3 Details of the supplier of the safety data sheet

Company name: EUROTECH Maier Ernst GmbH

Street/POB-No.: Herrschaftswiesen 5

Postal Code, city: AT-6842 Koblach

WWW: www.eurotech.at

E-mail: office@eurotech.at

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Department responsible for information:

Telephone: +43 (0)5523 53852, Email: office@eurotech.at

Additional information: This safety data sheet pertains to the following products:

834010/840410 X-treme Cleaner 10 litre container

834025//840425 X-treme Cleaner 25 litre container

1.4 Emergency telephone number

Giftzentrale Wien, Telephone: +43 (0)1-4064343

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

Classification according to EC regulation 1272/2008 (CLP)

Eye Dam. 1; H318 Causes serious eye damage.

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

2.2 Label elements

Labelling (CLP)



Signal word:

Danger

Hazard statements:

H304

May be fatal if swallowed and enters airways.

H318

Causes serious eye damage.



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Precautionary statements:

- P102 Keep out of reach of children.
- P260 Do not breathe vapours.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- 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/doctor.
- P331 Do NOT induce vomiting.
- P405 Store locked up.
- P501 Dispose of contents/container to hazardous or special waste collection point.

Special labelling

Text for labelling: Contains aliphatic hydrocarbons.
Contains 5 - < 15% non-ionic surfactants

2.3 Other hazards

No risks worthy of mention.

Results of PBT and vPvB assessment:

No data available

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Hydrocarbon mixture with tensides

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 265-149-8 CAS 64742-47-8	Distillates (petroleum), hydrotreated light	80 - 100 %	Asp. Tox. 1; H304.
EC No. - CAS 24938-91-8	alcohols, C8-18, ethoxylated	2.5 - 5 %	Eye Dam. 1; H318.
EC No. 203-905-0 CAS 111-76-2	2-Butoxyethanol	2.5 - 5 %	Acute Tox. 4; H302. Acute Tox. 4; H312. Acute Tox. 4; H332. Skin Irrit. 2; H315. Eye Irrit. 2; H319.
EC No. 500-241-6 CAS 69011-36-5	Isotridecanol, ethoxylated	1 - 2.5 %	Acute Tox. 4; H302. Eye Dam. 1; H318.
EC No. 500-027-2 CAS 9043-30-5	Isotridecanol, ethoxylated	1 - 2.5 %	Acute Tox. 4; H302. Eye Dam. 1; H318.

Full text of H- and EUH-statements: see section 16.

Additional information: 5 - < 15% non-ionic surfactants



SECTION 4: First aid measures

4.1 Description of first aid measures

- General information: First aider: Pay attention to self-protection!
- In case of inhalation: Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Keep victim calm and seek medical attention immediately.
Keep airway open.
- Following skin contact: After contact with skin, wash immediately with soap and plenty of water.
Take off immediately all contaminated clothing. Consult a doctor if skin irritation persists.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently seek the immediate attention of an ophthalmologist.
- After swallowing: Keep airway open. Do not induce vomiting. Seek medical attention.
Rinse mouth immediately and drink plenty of water.
Give activated carbon (20-40 g in a suspension of 10%). Do not give fatty oils and milk.
Caution if victim vomits: Risk of aspiration! Aspiration of this product into the lungs during vomiting, may cause serious injury or death.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide, alcohol resistant foam, extinguishing powder.

Extinguishing media which must not be used for safety reasons:

Full water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Smoke, hydrocarbons, carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Hazchem-Code: -

Use fine water spray to cool endangered containers.

Do not allow water used to extinguish fire to enter drains, ground or waterways.

Cordon off downwind area at risk and warn inhabitants.



SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe vapours. Provide adequate ventilation.

Remove persons not involved upwind.

Wear appropriate protective equipment.

Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not allow to enter drains, basements or pits. Danger of explosion!

6.3 Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder.

Store in special closed containers and dispose of according to ordinance. Thoroughly clean surrounding area.

Additional information: Use explosion-proof equipment and non-sparking tools/utensils.

Vapours form potentially explosive mixtures with air. Heavier than air, they proceed at floor level and may backflash over great distances when ignited.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation. Do not breathe vapours.

Avoid contact with skin and eyes.

Wear appropriate protective equipment.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges.

Use explosion-proof equipment and non-sparking tools/utensils.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed in a cool place.

Qualified materials: Steel.

Hints on joint storage: Avoid contact with strong oxidizing agents.

Keep away from food and drinks.

7.3 Specific end use(s)

No information available.



SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
64742-47-8	Distillates (petroleum), hydrotreated light	Great Britain: WEL-TWA	1200 mg/m ³ (> or = C7, Normal and branched chain alkanes)
		Great Britain: WEL-TWA	800 mg/m ³ (> or = C7, Cycloalkanes)
111-76-2	2-Butoxyethanol	Europe: IOELV: STEL	246 mg/m ³ ; 50 ppm (may be absorbed through the skin)
		Europe: IOELV: TWA	98 mg/m ³ ; 20 ppm (may be absorbed through the skin)
		Great Britain: WEL-STEL	246 mg/m ³ ; 50 ppm (may be absorbed through the skin)
		Great Britain: WEL-TWA	123 mg/m ³ ; 25 ppm (may be absorbed through the skin)
		Ireland: 15 minutes	246 mg/m ³ ; 50 ppm (may be absorbed through the skin)
		Ireland: 8 hours	98 mg/m ³ ; 20 ppm (may be absorbed through the skin)

Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
111-76-2	2-Butoxyethanol	Great Britain: BMGV, urine	240 mmol/mol creatinine	Butoxyacetic acid	end of exposure or end of shift

8.2 Exposure controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

Personal protection equipment

Occupational exposure controls

- Respiratory protection:** Respiratory protection must be worn whenever the WEL levels have been exceeded. Use filter type A (= against vapours of organic substances) according to EN 14387. In case of prolonged or repeated exposures: use self-contained breathing apparatus.
- Hand protection:** Protective gloves according to EN 374. Glove material: Nitrile rubber. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Eye protection:** Tightly sealed goggles according to EN 166.
- Body protection:** Wear suitable protective clothing.
- General protection and hygiene measures:**
When using do not eat, drink or smoke.
Take off immediately all contaminated clothing.
Wash hands before breaks and after work.
Work place should be equipped with a shower and an eye rinsing apparatus.

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Environmental exposure controls

Refer to "6.2 Environmental precautions".

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance:	Form: liquid Colour: red
Odour:	characteristic
Odour threshold:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	175 °C
Flash point/flash point range:	101 °C
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	LEL (Lower Explosion Limit): 0.50 Vol-% UEL (Upper Explosive Limit): 6.50 Vol-%
Vapour pressure:	at 20 °C: 2 hPa
Vapour density:	No data available
Density:	at 15 °C: 0.82 g/mL
Water solubility:	at 20 °C: emulsifiable
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	not self-igniting
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	not explosive
Oxidizing characteristics:	No data available

9.2 Other information

Ignition temperature:	236 °C
Solvent content:	3 %

SECTION 10: Stability and reactivity**10.1 Reactivity**

Refer to 10.3

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

**10.4 Conditions to avoid**

Keep away from heat sources, sparks and open flames.

10.5 Incompatible materials

Keep away from acids and oxidizing agents.

10.6 Hazardous decomposition products

In case of fire may be liberated: Smoke, hydrocarbons, carbon monoxide and carbon dioxide.

Thermal decomposition: No data available

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Toxicological effects: Acute toxicity (oral): Lack of data.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/irritation: Eye Dam. 1; H318 = Causes serious eye damage.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Based on available data, the classification criteria are not met.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Asp. Tox. 1; H304 = May be fatal if swallowed and enters airways.

Symptoms

Headache, dizziness, nausea, allergic reactions.
In case of ingestion:
Even very small amounts of this product that enters the lungs as a result of vomiting may lead to inflammation of the lungs or a pulmonary edema.
After resorption: Headache, dizziness, agitation, spasms, unconsciousness.
After contact with skin:
Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

SECTION 12: Ecological information**12.1 Toxicity**

Further details: No data available

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12.2 Persistence and degradability

Further details: The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Waste key number: 14 06 03* = Other solvents and solvent mixtures
* = Evidence for disposal must be provided.

Recommendation: Incinerate as hazardous waste according to applicable local, state, and federal regulations.

Package

Recommendation: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.

SECTION 14: Transport information**14.1 UN number**

ADR/RID, IMDG, IATA-DGR:

not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable



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14.5 Environmental hazards

Marine pollutant: no

14.6 Special precautions for user

Sea transport (IMDG)

Remarks: not applicable

Air transport (IATA)

Remarks: Not restricted

No dangerous good in sense of these transport regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code: -
No data available

National regulations - EC member states

Volatile organic compounds (VOC):
3 % by weight = 24.6 g/L

Further regulations, limitations and legal requirements:
No data available

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

Wording of the H-phrases under paragraph 2 and 3:

- H302 = Harmful if swallowed.
- H304 = May be fatal if swallowed and enters airways.
- H312 = Harmful in contact with skin.
- H315 = Causes skin irritation.
- H318 = Causes serious eye damage.
- H319 = Causes serious eye irritation.
- H332 = Harmful if inhaled.



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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
OEL: Occupational Exposure Limit Value
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EN: European Standard
EU: European Union
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
LEL: Lower Explosion Limit
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
TLV: Threshold Limit Value
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

Reason of change: Changes in section 1: product identifier (UFI)

Date of first version: 12/4/2003

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.