



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

### 1.1 Product identifier

Trade name: X-treme Cleaner

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

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

Telephone: +43 (0)5523 53852

Telefax: +43 (0)5523 53852 4

Department responsible for information:

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

### 1.4 Emergency telephone number

**GIZ-Nord, Göttingen**

**Telephone: +49 551-19240**

## 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.



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.

Endocrine disrupting properties, 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:

Identifiers	Designation Classification	Content
EC No. 265-149-8 CAS 64742-47-8	Distillates (petroleum), hydrotreated light Asp. Tox. 1; H304.	80 - 100 %
EC No. - CAS 24938-91-8	alcohols, C8-18, ethoxylated Eye Dam. 1; H318.	2.5 - 5 %
EC No. 203-905-0 CAS 111-76-2	2-Butoxyethanol Acute Tox. 4; H302. Acute Tox. 4; H312. Acute Tox. 4; H332. Skin Irrit. 2; H315. Eye Irrit. 2; H319. Acute toxicity estimate (ATE): Oral: 1200 mg/kg bw.	2.5 - 5 %
EC No. 500-241-6 CAS 69011-36-5	Isotridecanol, ethoxylated Acute Tox. 4; H302. Eye Dam. 1; H318.	1 - 2.5 %
EC No. 500-027-2 CAS 9043-30-5	Isotridecanol, ethoxylated Acute Tox. 4; H302. Eye Dam. 1; H318.	1 - 2.5 %

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:

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
111-76-2	2-Butoxyethanol	Europe: IOELV: STEL	246 mg/m <sup>3</sup> ; 50 ppm (may be absorbed through the skin)
		Europe: IOELV: TWA	98 mg/m <sup>3</sup> ; 20 ppm (may be absorbed through the skin)
		Ireland: 15 minutes	246 mg/m <sup>3</sup> ; 50 ppm (may be absorbed through the skin)
		Ireland: 8 hours	98 mg/m <sup>3</sup> ; 20 ppm (may be absorbed through the skin)

### 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.

**Environmental exposure controls**

Refer to "6.2 Environmental precautions".

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

Physical state at 20 °C and 101.3 kPa	Form: liquid
Colour:	red
Odour:	characteristic
Odour threshold:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	175 °C
Flammability:	No data available
Upper/lower flammability or explosive limits:	LEL (Lower Explosion Limit): 0.50 Vol-% UEL (Upper Explosive Limit): 6.50 Vol-%
Flash point/flash point range:	101 °C
Auto-ignition temperature:	236 °C
Decomposition temperature:	No data available
pH:	No data available
Viscosity, kinematic:	No data available
Water solubility:	at 20 °C: emulsifiable
Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	at 20 °C: 2 hPa
Density:	at 15 °C: 0.82 g/mL
Vapour density:	No data available
Particle characteristics:	Not applicable

**9.2 Other information**

Explosive properties:	not explosive
Oxidizing characteristics:	No data available
Auto-ignition temperature:	not self-igniting
Solvent content:	3 %
Evaporation rate:	No data available

**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 hazard classes as defined in Regulation (EC) No 1272/2008

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.

## 11.2 Information on other hazards

Endocrine disrupting properties: No data available

## 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

## 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 Endocrine disrupting properties**

No data available

**12.7 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 or ID 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

**14.5 Environmental hazards**Dangerous for the environment: Substance/mixture is not environmentally hazardous  
according to the criteria of the UN model regulations.

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 Maritime transport in bulk according to IMO instruments**

No data available



## SECTION 15: Regulatory information

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

#### 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

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.

Reason of change: General revision

Date of first version: 12/4/2003

Department issuing data sheet: see section 1: Department responsible for information

Abbreviations and acronyms:

- Acute Tox.: Acute toxicity
- 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 Standards/New Zealand Standards
- Asp. Tox.: Aspiration toxicity
- Bw: Body weight
- 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
- EQ: Excepted quantities
- EU: European Union
- Eye Dam.: Eye damage
- Eye Irrit.: Eye irritation
- IATA: International Air Transport Association
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- 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
- OEL: Occupational Exposure Limit Value
- 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
- Skin Irrit.: Skin irritation
- TLV: Threshold Limit Value
- TRGS: Technical Rules for Hazardous Substances
- vPvB: Very persistent and very bioaccumulative
- WEL: Workplace Exposure Limit

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.