

Safety data sheet
 according to 1907/2006/EC, Article 31, amended according to
 Regulation (EC) No. 2020/878

Printing date 31.07.2023

Version number 2 (replaces version 1)

Revision: 24.07.2023

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

- **1.1 Product identifier**
- **Trade name:** *Kratzer-EX*
- **UFI:** *3C80-80QV-N00Y-0MU7*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Product category** *PC35 Washing and cleaning products (including solvent based products)*
- **Process category**
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- **Environmental release category**
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
- **Application of the substance / the mixture** *Cleaner*
- **Uses advised against** *No further relevant information available.*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Werkstatt-Produkte GmbH
-
- Hahnerberger Straße 175*
42349 Wuppertal
-
- T. +49 (0) 202 495839-0*
F. +49 (0) 202 395839-0
info@werkstatt-produkte.de
- **Further information obtainable from:** *Product safety department*
- **1.4 Emergency telephone number:**
Gemeinsames Giftinformationszentrum der Länder
Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt und Thüringen
Nordhäuser Straße 74
D - 99089 Erfurt
Tel.: + 49 (0) 361 - 730 730

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

- **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**



GHS07

- **Signal word** *Warning*
- **Hazard statements**
H319 Causes serious eye irritation.
- **Precautionary statements**
- P101 If medical advice is needed, have product container or label at hand.*
- P102 Keep out of reach of children.*
- P280 Wear eye protection / face protection.*

(Contd. on page 2)

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Trade name: Kratzer-EX

(Contd. of page 1)

P264 Wash Hands thoroughly after handling.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

· **Additional information:**

Contains Orange juice oil. May produce an allergic reaction.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Determination of endocrine-disrupting properties**

The substance/mixture does not contain any components in quantities of 0.1% or more that exhibit endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43	ethanol ----- ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	2.5 - < 5%
CAS: 5949-29-1 EINECS: 201-069-1 Reg.nr.: 02-2119773813-30	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate ----- ⚠ Eye Irrit. 2, H319	2.5 - < 5%
CAS: 64742-47-8 EINECS: 265-149-8 Index number: 649-422-00-2	Distillates (petroleum), hydrotreated light ----- ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304	1 - < 2.5%
CAS: 157627-86-6	Alkohole, C13-C15, verzweigt und linear, ethoxyliert ----- ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302 Aquatic Chronic 3, H412	1 - < 2.5%
CAS: 69011-36-5 EC number: 931-138-8 Reg.nr.: 01-2119976362-32	Isotridecanol, ethoxyliert (≥2.5 EO) ----- ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 1 % ≤ C < 10 %	1 - < 2.5%
CAS: 8028-48-6 EINECS: 232-433-8 Reg.nr.: 01-2119493353-35	Orange juice oil Consisting of: 5989-27-5 LIMONENE (≥ 93%); 78-70-6 Linalool (< 1%) ----- ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1 - < 0.5%

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

aliphatic hydrocarbons, non-ionic surfactants, preservation agents, phosphates

<5%

perfumes

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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(Contd. on page 3)

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Version number 2 (replaces version 1)

Revision: 24.07.2023

Trade name: **Kratzer-EX**

(Contd. of page 2)

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **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:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** See section 8 for personal protection information.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
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** No special precautions are necessary if used correctly.
- **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:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

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.
 - **DNELs**
- | | | |
|----------------------|-------------------|--|
| CAS: 64-17-5 Ethanol | | |
| Oral | DNEL (population) | 87 mg/kg bw/day (chronic - systemic effects) |
| Dermal | DNEL (worker) | 343 mg/kg bw/day (chronic - systemic effects) |
| | DNEL (population) | 206 mg/kg bw/day (chronic - systemic effects) |
| Inhalativ | DNEL (worker) | 950 mg/m ³ (chronisch - chronic - systemic effects) |

(Contd. on page 4)

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Printing date 31.07.2023

Version number 2 (replaces version 1)

Revision: 24.07.2023

Trade name: Kratzer-EX

(Contd. of page 3)

DNEL (population) 114 mg/m³ (chronisch - chronic - systemic effects)· **PNECs**

CAS: 64-17-5 Ethanol

PNEC aqua 0,96 mg/l (Freshwater)

0,79 mg/l (Seawater)

2,75 mg/l (intermittent releases)

PNEC 0,63 mg/kg dw (Boden)

PNEC sediment 3,6 mg/kg dw (Freshwater)

2,9 mg/kg dw (Seawater)

PNEC STP 580 mg/l (Waste water treatment plant)

· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Appropriate engineering controls** No further data; see section 7.· **Individual protection measures, such as personal protective equipment**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Not required.· **Hand protection**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



Protective gloves

Wear protective gloves according to EN 374.

Skin protection creams do not provide as effective protection as protective gloves. Therefore, suitable protective gloves should be preferred as much as possible.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Butyl rubber, BR

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**

Not required



Tightly sealed goggles

· **Body protection:** Protective work clothing

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(Contd. on page 5)

Safety data sheet
 according to 1907/2006/EC, Article 31, amended according to
 Regulation (EC) No. 2020/878

Printing date 31.07.2023

Version number 2 (replaces version 1)

Revision: 24.07.2023

Trade name: *Kratzer-EX*

(Contd. of page 4)

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state	Fluid
· Colour:	Colourless
· Odour:	Product specific
· 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:	0.5 Vol %
· Upper:	6.5 Vol %
· Flash point:	Not applicable.
· Auto-ignition temperature:	210 °C
· Decomposition temperature:	Not determined.
· pH at 20 °C	3
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic at 20 °C:	750 mPas
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· Density and/or relative density	
· Density at 20 °C:	1.15 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information

· Appearance:	
· Form:	Viscous
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Solvent content:	
· Organic solvents:	2.5 %
· Water:	70.1 %
· VOC (EC)	2.50 %
· Solids content:	19.0 %
· 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

(Contd. on page 6)

Safety data sheet
 according to 1907/2006/EC, Article 31, amended according to
 Regulation (EC) No. 2020/878

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Version number 2 (replaces version 1)

Revision: 24.07.2023

Trade name: **Kratzer-EX**

(Contd. of page 5)

- | | |
|--|------|
| · Self-heating substances and mixtures | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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 irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **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**
- **Additional ecological information:**
- **General notes:**
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request

(Contd. on page 7)

Safety data sheet
 according to 1907/2006/EC, Article 31, amended according to
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Version number 2 (replaces version 1)

Revision: 24.07.2023

Trade name: Kratzer-EX

(Contd. of page 6)

or at the request of a detergent manufacturer.

Adsorption to soil is not expected. Investigation is not necessary. Reason: Easily biodegradable.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

The note below refers to the product left as it is and not to further processed products. When mixed with other products, other disposal routes may be required; if in doubt, consult the supplier of the product or the local authority.

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Waste disposal key:**

The waste code numbers are since 1.1.1999 not only product but essentially

Application-specific. The valid application for the waste code number can be found in the European Waste Catalogue.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· ADR/RID/ADN, ADN, IMDG, IATA Void

· **14.2 UN proper shipping name**

· ADR/RID/ADN, ADN, IMDG, IATA Void

· **14.3 Transport hazard class(es)**

· ADR/RID/ADN, ADN, IMDG, IATA

· Class Void

· **14.4 Packing group**

· ADR/RID/ADN, IMDG, IATA Void

· **14.5 Environmental hazards:**

· **Marine pollutant:** No

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· **UN "Model Regulation":**

Void

SECTION 15: Regulatory information

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

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Signal word** Warning

· **Hazard statements**

H319 Causes serious eye irritation.

· **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

(Contd. on page 8)

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Version number 2 (replaces version 1)

Revision: 24.07.2023

Trade name: Kratzer-EX

(Contd. of page 7)

- P102 *Keep out of reach of children.*
 P280 *Wear eye protection / face protection.*
 P264 *Wash Hands thoroughly after handling.*
 P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
 P337+P313 *If eye irritation persists: Get medical advice/attention.*

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is included.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **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.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **National regulations:**

· **Information about limitation of use:**

Observe employment restrictions for children and adolescents according to Directive 94/33 / EC and the corresponding national regulations.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The information is based on the current state of our knowledge, but it does not constitute a warranty of product of product characteristics and do not establish a contractual legal relationship. According to Annex II of EC No. 1907/2006 in the version applicable on the date of this safety data sheet.

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

· **Training hints**

Our information corresponds to our current knowledge and experience to the best of our knowledge. However, we pass it on without obligation. We reserve the right to make changes in the course of technical progress and further operational development. Our information merely describes the quality of our products and services and does not constitute any guarantees. The customer is not released from the obligation to have the functions and possible applications of the products carefully checked by qualified personnel. This also applies with regard to the protection of third party property rights. The mention of trade names of other companies is not a recommendation and does not exclude the use of other similar products.

(Contd. on page 9)

Safety data sheet
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Version number 2 (replaces version 1)

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Trade name: Kratzer-EX

(Contd. of page 8)

· **Classification according to Regulation (EC) No 1272/2008**

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· **Department issuing SDS:** Product Safety Department

· **Contact:** Product Safety Department

· **Version number of previous version:** 1

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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

· **Sources**

Regulations

REACH Regulation (EC) No 1907/2006

CLP Regulation (EC) No. 1272/2008

Regulation (EC) No 648/2004 on detergents

Internet

1 <https://www.baua.de>

2 <https://dguv.de/ifa/stoffdatenbank>

3 <https://www.gischem.de>

4 <https://echa.europa.eu/en/candidate-list-table>

5 <http://gestis.itrust.de>

· * **Data compared to the previous version altered.**