

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade Name Multi-Cleaner
 Supplier Wagner Spezialschmierstoffe GmbH & Co. KG
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 Responsible Division Product Safety
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1.1 Relevant identified uses of the substance or mixture and uses advised against

Neutral cleaning agent.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation 1272/2008/EG

Eye Dam. 1 H318 Causes serious eye damage.
 Aquatic Chronic 3 H412 Schädlich für Wasserorganismen, mit langfristiger Wirkung.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

Hazard pictograms



GHS05

Signal word

Danger

Hazard statements

H318 Causes serious eye damage.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102* Keep out of reach of children.
 P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P280 Wear protective gloves / eye 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.

*) P-phrase is only required if distributed to the general public, but not for professional / industrial use.

2.3 Other hazards

Not known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Description: Mixture of the substances listed below with harmless additions.

CAS-No.	Description
64-17-5	Ethanol; 2,5-10 %, Flam. Liq. 2, H225
68411-30-3	Alkylbenzolsulfonate, lineare, Na-Salze; 2,5-10 %; Acute Tox. 4, H302; Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412
68891-38-3	Fatty alcohol-C12/14-ethersulfate, Na-salt; 2,5-10 % Skin. Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Chronic 3, H412
9043-30-5	Isotridecanol, ethoxilized (6-9 EO); 2,5-10 %; Eye Dam. 1, H318; Acute Tox. 4, H302
68603-42-9	Coconut oil diethanolamide; < 2.5 %; Eye Dam. 1, H318; Skin. Irrit. 2, H315; Aquatic Chronic 2, H411

Identification number(s)

EC-number(s): 200-578-6; 270-115-0; 500-234-8; polymer; 931-329-6

4. FIRST AID MEASURES

4.1 Description of first aid measures

INHALATION	Supply fresh air, artificial respiration. If symptoms persist, consult doctor.
SKIN CONTACT	Wash with soap and water. If symptoms persist, consult doctor.
EYE CONTACT	Rinse opened eye for several minutes under running water, consult doctor.
INGESTION	Do not induce vomiting. Rinse mouth and drink plenty of water, seek medical treatment immediately, keep data sheet ready.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11 Information about toxicological properties.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment. No further relevant information available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Alcohol-resistant foam, CO₂, extinguishing powder or water spray.

5.2 Extinguishing Media to Avoid

Water with a full water jet.

5.3 Special hazards arising from the substance or mixture

Mixture is flammable, but not oxidising. Highly flammable. Explosive mixtures with air are already possible at normal temperature. Vapours of the mixture are heavier than air and can spread on the ground. Near the ground, re-ignition is possible at remote ignition sources. In case of fire the following can be released: carbon dioxide, carbon monoxide.

5.4 Advice for firefighters

Protective equipment

If necessary, wear self-contained breathing apparatus, in case of major fire, wear full protective clothing. In the event of fire, cool tanks with water spray or move out of danger zone. Do not allow extinguishing water to enter sewage water system/surface water/groundwater.

5.5 Additional information

Fire class B (flammable liquids)

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with substance. Wear personal protective equipment. Keep away from ignition sources. Avoid electrostatic charge.

6.2 Environmental precautions

Avoid entering into drains, water courses or soil.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomite, universal binder). Dispose of the material collected according to local regulations. Water solution of the subsequent purification disposable via the wastewater.

6.4 Reference to other sections

See Sections 7, 8 and 13 for further information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Open container with care. Avoid contact with skin and eyes. Do not eat, drink, smoke, or sniff at work. Wash hands before breaks and at the end of work. Take off contaminated clothing. Note label.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store at a cool and dry, well-ventilated place.

Requirements to storage rooms: none

Information for combined storage: none

Storage category TRGS 510: -

Classification acc. to Operational Safety Ordinance (BetrSichV): -

Safety Data Sheet according to Regulation (EC) No. 453/2010 (REACH)
September 22, 2022

Page 3 of 5

7.3 Specific end use(s)

No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Chemical name	CAS-No.	Source	Limit value	Additional information
Ethanol	64-17-5	TRGS 900	960 mg/m ³	Valid for Germany

Exposure limits of other countries are available in the local safety data sheets.

8.2 Exposure controls and limits

Technical measures and appropriate working procedures must precede the use of personal protective equipment.

Appropriate engineering controls

Provide for washing facility/eye wash.

Personal protective equipment

EYE/FACE PROTECTION

HAND PROTECTION

Tightly closing safety glasses acc. DIN EN 166.

In case of intensive contact: Protective gloves acc. to EN 374. **Material of gloves:** Butyl rubber, natural rubber, polychloroprene of a thickness if > 0.5 mm each and breakthrough time of 8 hours (permeation time). Suitable gloves are e.g. type "Camapren 720" of KCL GmbH, D-36124 Eichenzell.

SKIN PROTECTION

RESPIRATORY PROTECTION

BODY PROTECTION

Protective gloves. Use preventive skin protection.

Required in case of vapours/aerosols/limit exceeded. Gas filtre A.

Not required.

Environmental exposure controls

Do not allow material to enter sewage water system/surface and ground water.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	Liquid
Colour	Light yellow
Odour	Neutral
pH-value at 20 °C (undiluted)	About 7
pH-value at 25 °C (10 g/l)	About 7
Melting point/melting range	About – 7°C
Initial boiling point / Boiling range	About 90-100 °C
Flash Point	> 23 °C
Flammability (solid, gas)	Not determined.
Explosive properties	
Lower explosion limit (Vol.-%)	Not determined.
Upper explosion limit (Vol.-%)	Not determined.
Vapour pressure at 20 °C	23 hPa
Density at 20 °C	About 1 g/cm ³
Solubility at 20 °C	Miscible with water
Partition coefficient n-octanol/water	Not determined.
Evaporation rate	Not determined
Viscosity at 25 °C	< 200 mPas (Brookfield)

10. STABILITY AND REACTIVITY

10.1 Reactivity

No decomposition if used according under normal conditions.

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

No hazardous reactions.

10.4 Conditions to avoid

Excessive temperatures, flames.

Safety Data Sheet according to Regulation (EC) No. 453/2010 (REACH)
 September 22, 2022

Page 4 of 5

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

In case of fire: see Section 5.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Based on available data, the classification criteria are not met.

LD50 rat, oral (mg/kg)	No data available.
LD50 rat, dermal (mg/kg)	No data available.
After ingestion	Irritating to the mucous membranes.
After inhalation	No data available.
After contact with skin:	Slightly irritant.
After contact with eyes:	Strong irritant effects with risk of serious eye damage.
Sensitization:	No sensitizing effect known.

General remarks

Mutagenity	No mutagenity expected.
Carcinogenicity	No carcinogen or teratogen effects expected.
Reproduction toxicity	No reproduction toxicity expected.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity

Fish toxicity	No data available.
Toxicity at invertebrates	No data available.
Algae toxicity	No data available.

12.2 Persistence and degradability

No further relevant information available. The organic components are readily biodegradable.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This mixture is assessed neither as persistent nor as bioaccumulating nor as toxic.

12.6 Other adverse effects

Water hazard class: See section 15.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents/container in accordance to Waste Directive 2008/98/EC as well as national and regional regulations (use or eliminate). If recycling is not possible, the waste producer must carry out, specific to the industry and the process, the correct allocation of the waste numbers in accordance with the European Regulation (2000/532/EC).

Uncleaned packagings Treat according to the product. Cleaned packaging can be left to take-back systems. Recommended for cleaning: water.

Special precautions	See Section 8.2.
Relevant provisions	Waste directive 2008/98/EC

14. TRANSPORT INFORMATION

14.1	ADR UN Number	IMDG	IATA
14.2.	UN proper shipping name		
14.3	Transport hazard class(es)		

Safety Data Sheet according to Regulation (EC) No. 453/2010 (REACH)
 September 22, 2022

Page 5 of 5

14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user		
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		

15. REGULATORY INFORMATION

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

National Regulations

Water Hazard Class: WGK 2 – hazardous to water (acc. to VwVwS (Regulation on the Classification of Substances Hazardous to Waters)).
 Observe employment limitations acc. to the Youth Employment Protection Act and the Maternity Protection Act (for expectant and nursing mothers).

Observe limitations directives 76/769/EEC, 1999/51/EC, 1999/77/EC.

Observe Chemicals Regulation and Ordinance on Chemical Risk Reduction.

Observe Air Quality Control Regulation and Major Accident Ordinance.

Directives EU-countries

Directive 1272/2008/EC (CLP/GHS) and amendments.

Directive 1907/2006/EC (REACH) and amendments.

Directives RL 67/548/EEC (substances) und 1999/45/EC (preparations).

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work and amendments.

Directive 2008/98/EC on waste.

Directive 94/62/EC on packaging and packaging waste (waste directive).

Status Register on Chemicals:

No data available.

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Abbreviations

PBT persistent, bioaccumulating, toxic
 vPvB very persistent, very bioaccumulating

Text of Hazard Statements and/or Precautionary Statements mentioned in Sections 2-15

H225 Highly flammable liquid and vapour.
 H302 Harmful if swallowed.
 H315 Causes skin irritation.
 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.
 P102 Keep out of reach of children.
 P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P280 Wear protective gloves/protective clothing/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.
 P337+P313 If eye irritation persists: Get medical advice/attention.

Further information

Recommended restriction of use: Industrial / commercial applications.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Issued by

Product Safety Division