

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

Product form: Mixture
Product name: Rubber cleaner
Product code: 117.0149

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Industrial/Professional use spec: For professional use only
Use of the substance/mixture: Cleaning rubber and gloves

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet**Supplier**

KS TOOLS Werkzeuge-Maschinen GmbH
Seligenstädter Grund 10 - 12
63150 Heusenstamm
Tel.: 06104 4974-0
Fax: 06104 4974-11
Mail: info@kstoools.de

1.4. Emergency telephone number**Emergency number:**

EMERGENCY CONTACT – UK, UAE,
South Africa (24h): Tel: ++44 1865407333 (English)
TRANSPORT EMERGENCY CONTACT - UK, UAE,
South Africa (24h): Tel: ++44 1865 407333 (English)
GIFTNOTRUF/TRANSPORTNOTRUF -
Deutschland, Österreich, Schweiz, Luxemburg (24h)
Tel: +49 89 220 61012 / 0800 000 7801 (Deutsch, Englisch)
Numéro d'appel d'urgence en cas d'intoxication/d'accident -
Suisse, Luxembourg (24h): Tel: ++33 1 7211 0003 (Français)

Emergency number: 112



Safety Data Sheet

according to regulation (EC) No. 1907/2006 (REACH) with its amendment regulation (EU) 2015/830
Date of issue: 2/1/2018

Hygiene measures:

Do not eat, drink or smoke when using this product. Always wash after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

Section 8: Exposure controls / personal protection

8.1. Control parameters:

potassium hydroxide, caustic potash (1310-58-3)		
France	Local name	Potassium (hydroxyde de)
France	VLE (mg/m ³)	2 mg/m ³
France	Note (FR)	Valeurs recommandées/admises
France	Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)

8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station.

Hand protection: Protective gloves.

Eye protection: Safety glasses

Skin and body protection: Wear suitable protective clothing

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls: Avoid release to the environment.

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

Physical state:	Liquid
Appearance:	Liquid
Colour:	light yellow
Odour:	peppermint odour
Odour threshold:	No data available
pH:	9 ± 0,70
Relative evaporation rate (butylacetate=1):	No data available
Melting point:	Not applicable
Freezing point:	No data available
Boiling point:	No data available
Flash point:	> 91 °C
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	Not applicable
Vapour pressure:	No data available
Relative vapour density at 20 °C:	No data available
Relative density:	1.045 ± 0,05
Solubility:	No data available
Log Pow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

9.2. Other information

No additional information available.

Section 10: Stability and reactivity**10.1. Reactivity:**

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability:

Stable under normal conditions.

10.3. Possibility of hazardous reactions:

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid:

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials:

No additional information available

10.6. Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity (oral):**

Not classified

Acute toxicity (dermal):

Not classified

Toxic if inhaled:

Not classified

sodium carbonate (497-19-8)	
LD50 oral rat	2800 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	2.3 mg/l
sodium hydroxide, caustic soda (1310-73-2)	
LD50 oral	> 500 mg/kg LD50 oral rabbit
2,2-dimethyl-1,3-dioxolan-4-ylmethanol (100-79-8)	
LD50 oral rat	7000 mg/kg
LD50 dermal rat	2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.11 mg/l

Section 12: Ecological information
12.1. Toxicity
Ecology - general:

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute aquatic toxicity:

Not classified

Chronic aquatic toxicity:

Not classified

sodium carbonate (497-19-8)	
LC50 fish 1	300 mg/l
EC50 Daphnia 1	200 - 227 mg/l
sodium hydroxide, caustic soda (1310-73-2)	
LC50 fish 1	35 - 189 mg/l
EC50 Daphnia 1	40.4 mg/l
2,2-dimethyl-1,3-dioxolan-4-ylmethanol (100-79-8)	
LC50 fish 1	16.7 mg/l Pilephales promelas
EC50 Daphnia 1	> 1000 mg/l
EC50 72h algae (1)	> 92 mg/l (OECD 201 method)
Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride (1554325-20-0)	
LC50 fish 1	> 10 - 100 mg/l
EC50 Daphnia 1	> 1 - 10 mg/l
ErC50 (algae)	> 1 - 10 mg/l
Alcool C10 éthoxylé (26183-52-8)	
EC50 Daphnia 1	7.8 mg/l daphnia
EC50 72h algae (1)	6.3 mg/l (OECD 201 method)
Alcool C10 éthoxylé (26183-52-8)	
EC50 Daphnia 1	15 mg/l daphnia
EC50 72h algae (1)	19.6 mg/l (OECD 201 method)
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
EC50 Daphnia 1	32 mg/l EC50 48h - Daphnia magna [mg/l]
EC50 72h algae (1)	8.4 mg/l Pseudokirchneriella subcapitata - OCDE 201
NOEC chronic algae	0.92 mg/l Pseudokirchneriella subcapitata - OCDE 201
potassium hydroxide, caustic potash (1310-58-3)	
LC50 fish 1	80 mg/l
EC50 Daphnia 1	40 - 240 mg/l daphnia

12.2. Persistence and degradability

Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride (1554325-20-0)	
Persistence and degradability	Readily biodegradable.
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

2,2-dimethyl-1,3-dioxolan-4-ylmethanol (100-79-8)	
Bioconcentration factor (BCF REACH)	1.3
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
Bioconcentration factor (BCF REACH)	6.95 (OECD 117 method)
Log Kow	0.7 Partition coefficient n-octanol/water [log Kow]

12.4. Mobility in soil

2,2-dimethyl-1,3-dioxolan-4-ylmethanol (100-79-8)	
Log Koc	< 1.25
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
Ecology - soil	No supplementary information available.

12.5. Results of PBT and vPvB assessment

Component	
Quaternary C12-14 alkyl methyl amine	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
ethoxylate methyl chloride (1554325-20-0)	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

Section 13: Disposal considerations

Waste treatment methods:

Dispose of contents/container in accordance with licensed collector's sorting instructions. SECTION 14:

Section 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

Denmark

Classification remarks:

Emergency management guidelines for the storage of flammable liquids must be followed

15.2 Chemical Safety Assessment:

No chemical safety assessment has been carried out

Section 16: Other information

Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains . May produce an allergic reaction.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.