

Safety Data Sheet
according to Regulation (EC) No 1907/2006

Konservat K 1

Print date: 25.07.2012

Product code: 22.111

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

Product identifier

Konservat K 1

Relevant identified uses of the substance or mixture uses advised against

Use of the substance/mixture

Corrosion inhibitor

Details of the supplier of the safety data sheet

Company name: SCHILLING Marking Systems GmbH
Street: In Grubenaecker 1
Place: DE-78532 Tuttlingen Germany
Telephone: +49 (0)7461-9472-0 Telefax: +49 (0)7461-9472-29
e-mail: info@schilling-marking.de
Contact person: Herr Schilling
e-mail: andreas.schilling@schilling-marking.de
Internet: www.schilling-marking.de
Emergency telephone number: Giftnotruf Berlin: +49 (0)30 19240

SECTION 2: Hazards identification

Classification of the substance or mixture

Indications of danger : Harmful

R-phrases:

May cause long-term adverse effects in the aquatic environment.

Harmful: may cause lung damage if swallowed.

Repeated exposure may cause skin dryness or cracking.

Label elements

Danger symbols: Xn - Harmful



Xn - Harmful

Hazardous components which must be listed on the label

Weißöle nach dab

Paraffinische Kohlenwasserstoffe

R phrases

- 53 May cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.

S phrases

- 60 This material and its container must be disposed of as hazardous waste.
61 Avoid release to the environment. Refer to special instructions /
Safety data sheets.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this
container or label.

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SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
232-455-8	Weißöle nach dab	60 - 65 %
8042-47-5	Xn R65	
265-067-2	Paraffinische Kohlenwasserstoffe	30 - 35 %
	Xn R53-65-66	
263-093-9	synthetisches neutrales Calciumpetroleumsulfonat	1 - 5 %
	Xi R38-52	
	Alkylarylpolyglykoether	< 1 %
	Xn, N R22-41-51-53	

Full text of R- and H-phrases: see section 16.

SECTION 4: First aid measures

Description of first aid measures

General information

Seek medical attention if problems persist. No administration in cases of unconsciousness or cramps.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Do not induce vomiting.
Caution if victim vomits: Risk of aspiration!
In case of swallowing, keep the patient at rest and contact a doctor.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically

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SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Water fog. Extinguishing powder. Carbon dioxide. Foam.

Extinguishing media which must not be used for safety reasons

High power water jet.

Special hazards arising from the substance or mixture

Can be released in case of fire:

Carbon monoxide.

Carbon dioxide (CO₂).

Sulphur oxides.

Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

Environmental precautions

Do not empty into drains or the aquatic environment.

Treat the assimilated material according to the section on waste disposal.

Collect in closed containers for disposal.

Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Clean contaminated objects and areas thoroughly observing environmental regulations.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

Avoid oil mist.

Use only in well-ventilated areas.

Avoid direct contact with skin.

When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Prevent access by unauthorised personnel.

Further information on handling

High slip hazard because of leaking or spilled product.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

Recommended storage temperature: 5-40 °C (41-104 °F)

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Do not store with strong oxidizing agents.

Maximum period of storage (time): 3 years

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SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Protective and hygiene measures

Use personal protection equipment as per Directive 89/686/EEC.

Respiratory protection

If technical suction or ventilation measures are not possible or insufficient, protective breathing apparatus must be worn.

Hand protection

Protect skin by using skin protective cream. Wear protective gloves if advisable under safety aspects.

Wash hands before breaks and at the end of work.

Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0.9-1 mm; CE-certified acc. EN 374 cat III).

Eye protection

Use glasses or face shield if there is a risk of splashing.

Skin protection

Chemical resistant safety shoes. Take off immediately all contaminated clothing.

Thorough skin-cleansing after handling the product. Set out skin protection guidelines.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	liquid
Colour:	brown
Odour:	characteristic

Test method

pH-Value:	not applicable
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Changes in the physical state

Boiling point:	187-213 °C (369-415 °F)	
Flash point:	62 °C (144 °F)	
Lower explosion limits:	0,6 vol.-%	
Upper explosion limits:	10 vol.-%	
Ignition temperature:	>200 °C (392 °F)	
Vapour pressure:	not determined	
Density (at 20 °C / 68 °F):	0,8 g/cm ³	EN ISO 12185
Water solubility:	insoluble	
Viscosity / kinematic: (at 40 °C / 104 °F)	5 mm ² /s	ASTM D 7042

SECTION 10: Stability and reactivity

Conditions to avoid

Protect against: heat.

Incompatible materials

The following must be prevented: Oxidizing agents, strong.

Hazardous decomposition products

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Hazardous decomposition products: none/none

Further information

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 11: Toxicological information

Information on toxicological effects

Toxicocinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.
Data apply to the principal component.

Acute toxicity

after ingestion: LD50: > 2000mg/kg Rat.
after skin contact: LD50: > 2000mg/kg Rat.
following inhalation: LC50: > 5mg/1/4h Rat.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
8042-47-5	Weißöle nach dab				
	oral	LD50 mg/kg	>2000	Rat	
	dermal	LD50 mg/kg	>2000	Rabbit	
	Paraffinische Kohlenwasserstoffe				
	oral	LD50 mg/kg	>2000	Rat	
	dermal	LD50 mg/kg	>2000	Rabbit	
	inhalative	LC50 mg/l	>5	Rat	

Additional information on tests

No risks worthy of mention. Practical experience.
The statement is derived from the properties of the components.
The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

Toxicity

The statement is derived from the properties of the components.
Can be concentrated in organisms.
Product is not easily biodegradable.

Mobility in soil

in delivery condition: liquid

SECTION 13: Disposal considerations

Waste treatment methods

Waste disposal number of waste from residues/unused products

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130899 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); oil wastes not otherwise specified; wastes not otherwise specified
Classified as hazardous waste.

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not restricted

Inland waterways transport

Other applicable information (inland waterways transport)

Not restricted

Marine transport

Other applicable information (marine transport)

Not restricted

Air transport

Other applicable information (air transport)

Not restricted

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

- | | |
|----|---|
| 22 | Harmful if swallowed. |
| 38 | Irritating to skin. |
| 41 | Risk of serious damage to eyes. |
| 51 | Toxic to aquatic organisms. |
| 52 | Harmful to aquatic organisms. |
| 53 | May cause long-term adverse effects in the aquatic environment. |
| 65 | Harmful: May cause lung damage if swallowed. |
| 66 | Repeated exposure may cause skin dryness or cracking. |

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)