

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Waxilit 70 gr

Metabo no.: 80911001071

Version / Language: 1.1 / EN

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Date: 03.11.2021



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

1.1 Product identifier

Product form: Mixture
Trade name: Metabo Waxilit 70 gr
UFI code: TAWF-75MC-VH7M-QP1J
Product type: Lubricant
Product group: Mixture

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

Relevant identified uses

The product is intended for professional users.

Uses advised against

Do not use for private purposes.

1.3 Details of the supplier providing the safety data sheet.

Metabowerke GmbH
Metabo Allee 1
D-72622 Nürtingen
Phone: +49 (0) 7022 - 72 0
Fax: +49 (0) 7022 - 72 2595
Web: <https://www.metabo.com>
E-mail: product-compliance@metabo.de

1.4 Emergency number

GBK GmbH (24 h): +49 (0)6132-84463

SECTION 2: Possible dangers

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP].

Hazard categories:

Flammable solids: Flamm. Solids 1

Specific target organ toxicity (single exposure): STOT einm. 3

Harmful to the aquatic environment: Aqu. chron. 3

Harmful physico-chemical effects and adverse effects on human health and the environment

Flammable solid.

May cause drowsiness and dizziness.

Harmful to aquatic organisms, with long lasting effects.

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2.2 Labelling elements

Labelling in accordance with Regulation (EC) No 1272/2008 [CLP].

Hazard-determining components of labelling: hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics, hydrocarbons, C9, aromatics

Hazard pictograms:



GHS02

Signal word: Danger

Hazard warnings

H228 - Flammable solid.

H336 - May cause drowsiness and dizziness.

H412 - Harmful to aquatic life with long lasting effects.

Safety instructions

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke.

P261 - Avoid inhalation of vapour.

P273 - Avoid release into the environment.

P280 - Wear protective gloves/eye protection.

P312 - If you feel unwell, call a POISON CENTRE/doctor.

P370+P378 - In case of fire: Use water mist/extinguishing powder/foam/carbon dioxide (CO₂) to extinguish.

Additional sets, additional labelling

EUH066 Repeated exposure may cause skin dryness or cracking.

Supplementary hazard features

None

Childproof lock

Not applicable

Tactile hazard warning

Not applicable

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2.3 Other hazards

Possible adverse physico-chemical effects:

See under section 9 for physical and chemical properties.

The vapours of the product are heavier than air and can accumulate on the ground, in pits, sewers and cellars in higher concentrations.

There is an increased risk of fire and explosion if accumulated in low-lying or enclosed spaces.

Vapours can spread over long distances and be caused to ignite, flashback or explode by ignition sources.

Vapours of flammable solvents can accumulate in the gas space of closed containers, especially when exposed to heat. Fire and ignition sources must therefore be kept away.

This material can be ignited by heat, sparks, flames or other sources of ignition (e.g. static electricity, pilot lights, mechanical/electrical equipment and electronic devices such as mobile phones, computers and pagers that are not approved as intrinsically safe).

May form explosive/flammable vapour/air mixture in use.

Formation of explosive/highly flammable mixtures possible with insufficient ventilation and/or through use. Until the flammable components have completely evaporated, there is a risk of explosive vapour-air mixtures forming even after use.

Possible adverse effects on humans and possible symptoms:

See section 11 for toxicological information.

Possible adverse effects on the environment:

See section 12 for environmental information.

Other adverse effects:

Special slip hazard due to leaking/spilled product.

Result of the determination of PBT/vPvB properties:

See under section 12.5 - Results of PBT and vPvB assessment.

SECTION 3: Composition / information on ingredients

3.1 Fabrics

Not applicable

3.2 Mixtures

Hazardous ingredients

Substance name	Product identifier	Concentration [%]	Classification according to Regulation (EC) No 1272 [CLP].
Hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cycloalkanes, <2% aromatics	CAS No. 64742-49-0, EC No. 927-241-2	55 - < 60 %	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412 EUH066
Hydrocarbons, C9, Aromatics	CAS No. 64742-95-6, EC No. 918-668-5	10 - < 15 %	Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411 EUH066

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Additional hints

The aforementioned EC no. (Provisional List Number 9xx-xxx-x) is a specific subgroup of the indicated CAS No. and was automatically assigned during registration (without reference to a CAS No. or a numerical identifier).

An official announcement of this EC No. will be made after the substance identity has been checked by ECHA. The new nomenclature of hydrocarbon solvents thus refers to new group names of the HSPA (Hydrocarbon Solvents Producers Association). The previously used CAS No. continues to serve as a reference for various international chemical inventories. The classification of the hydrocarbon mixtures was carried out taking into account the respective applicable notes of Annex VI of EC Regulation No. 1272/2008.

SECTION 4: First aid measures

4.1 Description of the first aid measures

General notes

Take the person out of the danger zone and lie down.

Remove all contaminated clothing immediately and wash before wearing again.

Keep the affected person quiet, covered and warm.

Do not leave the affected person unattended.

Place a vomiting person lying on their back in the recovery position.

In case of breathing difficulties or respiratory arrest, initiate artificial respiration.

If unconscious and breathing, place in recovery position and seek medical advice.

Never administer anything by mouth to an unconscious person or if convulsions occur.

In case of cardiac arrest, perform cardiopulmonary resuscitation immediately.

In case of accident or if you feel unwell, call a doctor immediately (if possible, show the operating instructions or safety data sheet).

Self-protection of the first aider:

Wear personal protective equipment (see section 8).

Elementary aid.

In case of eye contact

In case of contact with eyes, rinse immediately with running water for 10 to 15 minutes with the eyelids open and consult an ophthalmologist.

Remove any contact lenses if possible. Continue rinsing.

If present: Initial treatment with Diphoterine. (Diphoterine is a registered trademark).

Protect uninjured eye.

Inhalation

Remove the casualty from the danger zone.

Provide fresh air. In case of lung irritation: First treatment with corticoid spray, e.g. Auxiluson, Pulmicort metered dose aerosol. (Auxiluson and Pulmicort are registered trademarks.) Call a doctor immediately. In case of irritation of the respiratory tract, consult a doctor.

In case of skin contact

Wash off immediately with:

Water and soap

Apply greasy ointment.

Do not wash off with:

Solvents/Diluents

In case of skin irritation, consult a doctor.

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In case of ingestion

Do not induce vomiting.

Do not give anything to eat or drink.

Never give anything by mouth to an unconscious person or if convulsions occur. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Signs / symptoms of overexposure

Cough

Shortness of breath

Cyanosis (blue colouration of the blood)

Acidosis

Central nervous system depression

Headache

Nausea

Drowsiness

Dizziness

Intoxication

Unconsciousness

4.3 Indications for immediate medical help or special treatment

Notes for the doctor

Symptomatic treatment.

Regulation of circulatory function, possibly shock treatment.

Oxygen ventilation if necessary.

SECTION 5: Fire fighting measures

5.1 Extinguishing agent

Suitable extinguishing agents

Water mist. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing agents

Full water jet. Water spray.

5.2 Special hazards arising from the substance or mixture

Hazards arising from the substance or mixture

Fire gases from organic materials are basically to be classified as respiratory poisons.

Strong soot development during combustion.

Hazardous combustion products

Carbon monoxide

Carbon dioxide (CO₂)

Hydrocarbons

Pyrolysis products, toxic

5.3 Advice for firefighters

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Usual measures of preventive and defensive fire protection.

Adapt extinguishing measures to the surroundings.

Do not inhale explosion and fire gases.

Move to fresh air after inhalation of fire gases or decomposition products in case of accident.

Check for backfire.

Take care when using carbon dioxide in enclosed areas. Carbon dioxide can displace oxygen.

If safely possible, remove undamaged containers from the danger zone.

If safe to do so, stop leakage and collect spilled material. Otherwise, let it burn down in a controlled manner.

Use water spray to protect persons and to cool containers in the danger zone.

Collect contaminated extinguishing water separately. Do not allow to enter drains or watercourses.

Fire residues and contaminated extinguishing water must be disposed of in accordance with local official regulations.

Special protective equipment for fire fighting

Wear self-contained breathing apparatus and chemical protective suit.

DIN/EN standards DIN EN 469

Firefighters' protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

Do not inhale vapour/aerosol.

Remove all sources of ignition.

Prevent further leakage or spillage if this can be done without danger.

Bring people to safety.

Note dispersion of the gas especially on the ground (heavier than air) and in wind direction.

Ensure sufficient ventilation.

Special slip hazard due to leaking/spilled product.

Staff not trained for emergencies:

Use personal protective equipment.

Move out of the danger zone and notify trained personnel.

Emergency plans:

The emergency plan and information chain drawn up by the company must be complied with.

Task forces:

Use personal protective equipment.

Personal protective equipment must be adapted to the situation.

Suitable material:

See under section 8.2 - Personal protective equipment.

6.2 Environmental protection measures

Do not allow to enter drains or water courses.

Do not allow to enter the subsoil/soil.

Ensure that waste is picked up and stored safely.

Knock down gases/vapours/mist with water spray.

In case of gas leakage or penetration into water, soil or sewage system, notify competent authorities.

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6.3 Methods and material for retention and cleaning

For restraint:

Eliminate leaks if safe to do so.

Remove the container from the outlet area.

Ensure that leaks can be contained, e.g. by means of drip pans or lowered areas.

Prevent area-wide spreading (e.g. by damming or oil booms).

Remove from the water surface (e.g. skim, vacuum).

For cleaning:

Cleaning methods for large quantities of spilled material:

Scoop up and place in suitable containers for disposal.

If larger quantities of spilled material cannot be contained, the local authorities should be notified.

Cleaning methods for small amounts of spilled material:

Clean up spills immediately.

Wipe up with absorbent material (e.g. cloth, fleece).

Collect in suitable, closed containers and take for disposal.

Clean contaminated surfaces thoroughly.

Recommended cleaning agents:

Clean with detergents. Avoid solvents.

Retain and dispose of contaminated wash water.

Ensure that all wastewater is collected and treated via a wastewater treatment plant.

Ventilate the affected area.

Suitable material to pick up:

Sand

Diatomaceous earth

Universal binder

Absorbent material, organic

Unsuitable material to pick up:

None known

6.4 Reference to other sections

Personal protective equipment: see section 8

Disposal: see section 13

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SECTION 7: Handling and storage

The information in this section contains general advice and guidance

7.1 Protective measures for safe handling

Protective measures:

Measures to prevent aerosol and dust formation:

All working procedures shall be designed to minimise the following:

Inhalation of vapours or mists/aerosols

Eye contact

Skin contact

Technical ventilation of the workplace

Vapours are heavier than air.

Provide room air extraction at floor level.

For filling, decanting and dosing work as well as for sampling, use wherever possible:

Devices with local suction

Use in an extraction booth with integrated air filter.

Use only in ventilated spray booths.

Recirculation of the extracted air is not recommended.

Always close the container tightly after removing the product.

Fire protection measures:

The product is: Highly flammable.

Formation of flammable vapours is possible at temperatures above: +10 °C (flash point - 15 °C)

Vapours may form explosive mixtures with air.

Reignition possible at great distance.

Vapours are heavier than air, spread on the ground and form explosive mixtures with air.

Due to the risk of explosion, prevent vapours from entering cellars, sewers and pits.

Provide earthing of containers, apparatus, pumps and suction devices.

Use explosion-proof systems, apparatus, extraction systems, equipment, etc.

Use low-sparking tools.

Take measures against electrostatic charges.

Flammable vapours can accumulate in the vapour space of closed systems.

Use the material only in places where open light, fire and other sources of ignition are kept away.

Keep away from heat sources (e.g. hot surfaces), sparks and open flames.

Usual measures of preventive fire protection.

Fire extinguisher of fire class B

Wear antistatic shoes and work clothes.

Assessment and measures required according to explosion protection rules (BGR 104) - TRGS 721/TRBS 2152-1:

Avoidance or limitation of hazardous explosive atmospheres (concentration limitation and monitoring, inerting, tightness, ventilation, warning systems, etc. - TRGS 722/TRBS 2152-2).

Avoidance of ignition of an explosive atmosphere (zoning, elimination of ignition sources, explosion-proof electrical installation, earthing, etc. - TRBS 2152-3).

measures of constructive explosion protection which limit the effects of an explosion to a harmless level (explosion-proof design, explosion pressure relief, explosion suppression, etc. - TRBS 2152-4).

Environmental protection measures:

Shafts and ducts must be protected against the ingress of the product.

Transfer wash water into closed containers.

Provide retention tank, e.g. floor pan without drain.

To limit the emission of volatile organic compounds (VOC), the solvent vapours should be fed into a waste gas purification system (filter, gas scrubber, incineration) (BGR 121).

Notes on general industrial hygiene:

Wear personal protective equipment (see section 8).

Minimum standards for protective measures when handling working substances are listed in TRGS 500.

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Generally accepted occupational hygiene measures.
The usual precautionary measures when handling chemicals must be observed.
Work areas should be designed so that they can be cleaned at any time.
Floors, walls and other surfaces in the hazardous area must be cleaned regularly.
Clean spray booth and fume bonnet after each product change.
Do not eat, drink, smoke or snort at the workplace.
Thorough skin cleansing immediately after handling the product.
Used work clothes should not be worn outside the work area.

7.2 Conditions for safe storage taking into account incompatibilities

Suitable flooring material:

Floors should be impermeable, resistant to liquids and easy to clean.

Protect against:

Heat

Cold exposure

Recommended storage temperature: +10 ... +30 °C

Keep away from:

Food and feed

Packaging materials:

Suitable material for containers/plants:

Keep/store only in the original container.

Unsuitable material for containers/plants:

See under section 8.2 - Hand protection.

Do not store together with:

Storage class:

1 (Explosive hazardous substances)

2 A (gases (excluding aerosol dispensers and lighters))

2 B (aerosol dispensers and lighters)

3 (Flammable liquids)

5.1 A (Highly oxidising hazardous substances)

5.1 C (Ammonium nitrate and preparations containing ammonium nitrate)

6.1 B (Non-flammable, acutely toxic cat. 1 and 2 / very toxic hazardous substances)

6.2 (Infectious substances)

7 (Radioactive substances)

Information on storage in one place

Technical measures and storage conditions:

The valid water and building regulations must be observed (WHG, AwSV, state building regulations).

Heating leads to an increase in pressure and a risk of bursting.

Keep away from sources of ignition - Do not smoke.

Store container in a cool, well-ventilated place.

Keep container tightly closed.

Protect container from damage.

Ensure sufficient ventilation of the storage room.

Store small quantities in suitable hazardous material cabinets.

Do not store outdoors.

Follow the instructions on the label.

Further information on storage conditions

Storage class according to TRGS 510: 4.1 B

7.3 Specific end uses

Recommendations

Possibilities for substitution and indications of less hazardous products:

This product was developed for a specific application and optimised accordingly.

If you have any questions about the product and application technology, please contact our field service within the scope of the

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customer service or to our technical sales department.

Observe the technical data sheet.

Industry solutions:

Recommendations for risk assessment of the accident insurance institutions (EGU) - formerly:

BG/BGIA recommendations for the

Risk assessment according to the Ordinance on Hazardous Substances (DGUV Information 213-701, BGI 790)

([http://www.dguv.de/ifa/praxishilfen/praxishilfen-gefahrstoffe/empfehlungen-gefaehrungsermittlung-der-unfallversicherungstraeger-\(egu\)/index.jsp](http://www.dguv.de/ifa/praxishilfen/praxishilfen-gefahrstoffe/empfehlungen-gefaehrungsermittlung-der-unfallversicherungstraeger-(egu)/index.jsp))

Hazardous substances portal for SMEs (<http://www.gefahrstoffe-im-griff.de>)

Hazardous substance information systems of the Berufsgenossenschaften:

GISCHEM (BG RCI) (<http://www.gischem.de>) - Keyword: TRENNMITTEL

GISBAU (BG Bau) (<http://www.gisbau.de>) - GISCODE/Product code:

Ö70 - Oils/waxes, highly solvent-containing, containing aromatics

GISCODE/Product Code: Ö70

SECTION 8: Exposure controls / Personal protective equipment

The information in this section contains general advice and guidance. Information provided is based on typical anticipated uses of the product. Additional measures may be required for handling large quantities or other uses that may significantly increase worker exposure or release to the environment.

8.1 Parameters to be monitored

Occupational exposure limit values

Hydrocarbon mixtures, fractions (RCP group): C9-C14 aliphatics	
AGW (OEL TWA) [1]	300 mg/m ³
Exceedance factor of the peak limitation	2(II)
Legal reference	TRGS900

Hydrocarbon mixtures, fractions (RCP group): C9-C14 aromatics	
AGW (OEL TWA) [1]	50 mg/m ³
Exceedance factor of the peak limitation	2(II)
Legal reference	TRGS900

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DNEL / PNEC values

CAS no.	Designation			
DNEL type		Exposure route	Effect	Value
64742-49-0	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics			
Worker DNEL, long-term		inhalative	systemic	871 mg/m ³
Worker DNEL, long-term		dermal	systemic	77 mg/kg bw/d
Consumer DNEL, long-term		inhalative	systemic	185 mg/m ³
Consumer DNEL, long-term		dermal	systemic	46 mg/kg bw/d
Consumer DNEL, long-term		oral	systemic	46 mg/kg bw/d
CAS no.	Designation			
DNEL type		Exposure route	Effect	Value
64742-95-6	Hydrocarbons, C9, Aromatics			
Worker DNEL, long-term		inhalative	systemic	150 mg/m ³
Worker DNEL, long-term		dermal	systemic	25 mg/kg bw/d
Consumer DNEL, long-term		inhalative	systemic	32 mg/m ³
Consumer DNEL, long-term		dermal	systemic	11 mg/kg bw/d
Consumer DNEL, long-term		oral	systemic	11 mg/kg bw/d

8.2 Exposure controls and monitoring

Suitable technical control devices

Ensure good ventilation of the workplace.

Personal protective equipment



Eye / face protection

Suitable eye protection:

Frame goggles with side protection (DIN EN 166, BGR 192, ZH 1/703 - Use of eye and face protection)

Skin protection

Preventive skin protection:

Draw up a skin protection plan (BGR 197, ZH 1/708 - Use of skin protection).

Use solvent-resistant skin protection preparations before starting work.

Wash hands before breaks and at the end of work.

After cleansing, use skin care products containing grease.

Use skin care products after work.

Breathing protection

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If required after risk assessment:

Respiratory protection is required for:

Limit value exceeded +

high concentrations / prolonged exposure / inadequate ventilation / inadequate exhaust ventilation.

Only use respirators with a CE mark including a four-digit test number.

Limitation and monitoring of environmental exposure

Avoid release into the environment.

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Appearance

Physical state:	Paste
Colour:	Grey
Odour:	Characteristic
Odour threshold:	Not available
pH value:	Not available
Melting point / freezing point:	Not applicable
Initial boiling point and boiling range:	> 140 °C
Flash point:	> 24 °C
Ignition temperature:	> 200 °C
Vapour pressure (at 20 °C):	< 5 hPa
Vapour density:	Not available
Relative density:	Not available
Density:	0.75 g/cm ³
Solubility(ies):	Miscible with most organic solvents
Partition coefficient n:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Solvent content (% by weight)	< 3 %
Evaporation number	Not available

9.2 Other information

Flammable components: 100 %

VOC content: 59 %

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is chemically stable under the recommended storage, use and temperature conditions.

10.2 Chemical stability

The product is chemically stable under the recommended storage, use and temperature conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions occur if handled and stored as intended.

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10.4 Conditions to avoid

Heat, flames and sparks.

For further information see section 7.2 - Conditions for safe storage, taking into account incompatibilities.

For further information see section 10.5 - Incompatible materials.

10.5 Incompatible materials

Violent reaction with:

Oxidising agent, strong

For further information see section 7.1 - Precautions for safe handling.

10.6 Hazardous decomposition products

Does not decompose in the intended use.

No dangerous decomposition products are known.

In case of fire: See section 5.2 - Special hazards arising from the substance or mixture.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Name of the product / ingredient	Exposure route	Dose
Hydrocarbons, C9-10, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS No. 64742-49-0)	LD50 Dermal Rat	> 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
	LD50 Oral Rat	> 5000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 401 (Acute Dermal Toxicity)
	LC50 Inhalation - rat (Dust/Fog)	> 5.6 mg/l

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Name of the product / ingredient	Exposure route	Dose
Hydrocarbons, C9, Aromatics (CAS No. 64742-95-6)	LD50 dermal rabbit	> 3160 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
	LD50 Oral Rat	> 3492 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 401 (Acute Dermal Toxicity)
	LC50 Inhalation - rat (Dust/Fog)	> 10.2 mg/l

Inhale

Slightly irritant, but not relevant for classification.

Narcotic effect

Ingestion

Ingestion causes nausea, weakness and effects on the central nervous system.

This product does not pose an aspiration hazard due to its viscosity.

Skin contact

In case of skin contact:

Slightly irritant, but not relevant for classification.

Repeated or continued exposure may cause skin irritation and dermatitis due to the degreasing properties of the product.

Severe eye damage / irritation

Not classified

Sensitisation of the respiratory tract / skin:

Not classified

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive toxicity

Not classified

Specific target organ toxicity at single exposure:

May cause drowsiness and dizziness. (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics)

Specific target organ toxicity in case of repeated exposure

Repeated contact may cause brittle or cracked skin.

Aspiration hazard

Not classified

Information on other hazards

No further information available

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SECTION 12: Environmental information

12.1 Toxicity

Ecology - General:

The product is not considered harmful to aquatic organisms nor does it cause long-term damage to the environment.

Hazardous to the aquatic environment, short-term (acute):

Not classified

Harmful to the aquatic environment, long-term (chronic): Not classified.

Name of the product / ingredient	Exposure route	Dose
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics	LC50 - fish [1]	> 10 - 30 mg/l
	ErC50 Algal toxicity	> 1000 mg/l
	EC50 Crustacean toxicity	> 22 - 46 mg/l

Name of the product / ingredient	Exposure route	Dose
Hydrocarbons, C9, Aromatics	LC50 - fish [1]	> 9.2 mg/l
	ErC50 Algal toxicity	> 2.9 mg/l
	EC50 Crustacean toxicity	> 3.2 mg/l

12.2 Persistence and degradability

abiotic degradation:

Physicochemical elimination:

Oxidation:

not applicable (mixtures)

Hydrolysis:

not applicable (mixtures)

Photochemical elimination:

Photolysis:

not applicable (mixtures)

Ozonolysis:

not applicable (mixtures)

Biodegradation:

not applicable (mixtures)

12.3 Bioaccumulative potential

No further information available.

12.4 Mobility in soil

No further information available.

12.5 Result of the PBT and vPvB assessment

No further information available.

12.6 Endocrine disrupting properties

No further information available.

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12.7 Other adverse effects

No further information available.

SECTION 13: Handling and storage

The information in this section provides general advice and guidance. The list of identified uses in section 1 should be consulted for any application-specific information in the exposure scenario(s).

13.1 Waste treatment process

Recommendations for disposal

Waste treatment solutions:

Dispose of in a hazardous waste incinerator in accordance with official regulations.

Dispose of in accordance with official regulations.

Disposal according to Directive 2008/98/EC on waste and hazardous waste.

Hazardous properties of the waste:

Highly flammable Ecotoxic

The disposal is subject to proof.

Contact the responsible authorised waste disposal company about waste disposal.

Waste for recovery shall be classified and labelled as follows

Contact waste exchanges about recycling.

Waste for disposal is exempt from classification and labelling requirements under the Chemicals Act.

Must not be disposed of and deposited together with household waste.

Do not mix with other waste.

Do not allow to enter surface water or drains.

Do not pour waste down the drain.

Before discharging into the public sewer system (e.g. residues of washing and rinsing liquids), the relevant regulations at state and municipal level must be observed (WHG, AbwAG, AbwV, municipal wastewater statutes, discharge permit, etc.). If you have any further questions, please contact your waste or environmental officer or the responsible local authority.

Clean the IBCs only at an approved location.

The waste producer is responsible for the correct assignment of the designation of his waste.

The allocation of waste code numbers/waste designations shall be carried out in accordance with EAKV on a sector- and process-specific basis.

Proposal list for waste codes/waste designations according to EAKV:

Waste code - unused product

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from MFSU of fats, lubricants, Soaps, detergents, disinfectants and personal care products; other organic solvents, Washing liquids and mother liquors; hazardous waste

Waste code - spent product

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from MFSU of fats, lubricants, soaps, detergents, disinfectants and personal care products; other organic solvents, washing liquids and mother liquors; hazardous waste

Waste code - uncleaned packaging

150110 PACKAGING WASTE, SUFFIERS, WIPING CLOTHES, FILTER MATERIALS AND PROTECTIVE CLOTHING (A.N.G.); packaging (including separately collected communal Packaging waste); packaging containing residues of hazardous substances or contaminated by hazardous substances; hazardous waste

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SECTION 14: Transport information

According to ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA
14.1 UN number or ID number		
UN 3175	UN 3175	UN 3175
14.2 UN proper shipping name		
Entry in the transport document		
SOLIDS CONTAINING FLAMMABLE LIQUIDS, N.O.S. (Naphtha, heavy)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha, heavy)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha, heavy)
14.3 Transport hazard classes		
4.1	4.1	4.1
14.4 Packing group		
II Hazard label: 4.1 Classification code: F1 Special regulations: 216 274 601 Limited quantity (LQ): 1 kg Quantity exempted: E2 Transport category: 2 Hazard number: 40 Tunnel restriction code: E	II Hazard label: 4.1 Marine pollutant: -- Special provisions: 216, 274 Limited quantity (LQ): 1 kg Quantity exempted: E2 EmS: F-A, S-I Separation group: IMDG Code Separation Group 0 - not applicable	II Hazard label: 4.1 Special regulations: A46 Limited Quantity (LQ) Passenger: 5 kg Passenger LQ: Y441 Quantity exempted: E2 IATA Packing Instruction - Passenger: 445 IATA Maximum Quantity - Passenger: 15 kg IATA packing instruction - Cargo: 448 IATA Maximum Quantity - Cargo: 50 kg
14.5 Environmental hazards		
Environmentally hazardous: No	Environmentally hazardous: No	Environmentally hazardous: No

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	Marine pollutant: No	
No additional information available.		

14.6 Special precautions for the user

For further information see sections 6, 7, 8.

14.7 Carriage in bulk by sea in accordance with IMO instruments.

Not to be carried in bulk under the IBC Code.

The delivery shall be made exclusively in packaging that is approved and suitable under traffic law.

SECTION 15: Legislation

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

Information on the IE Directive 2010/75/EU

(VOC): 67 % (499 g/l)

Information on the SEVESO III Directive

2012/18/EU: Not subject to SEVESO III Directive

EC Regulation (EC) No 1907/2006 (REACH)

Annex XIV- List of substances subject to authorisation

No restrictions.

Substances of very high concern

No restrictions.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

No restrictions.

Restrictions on manufacture, placing on the market and use

No restrictions.

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Other EU provisions

Industrial emissions (integrated pollution prevention and control) - Air

No restrictions.

Industrial emissions (integrated pollution prevention and control) - Water substances

No restrictions.

Ozone-depletable substances (1005/2009/EU)

No restrictions.

Prior Informed Consent (PIC) (649/2012/EU)

No restrictions.

Storage class (TRGS 510)

No restrictions.

Water hazard class

No restrictions.

Prior Informed Consent (PIC) (649/2012/EU)

No restrictions.

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out

SECTION 16: Other notes

16.1 Notes on changes

None.

16.2 Abbreviations and acronyms

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
ATE	Acute toxicity estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CAS no.	Chemical Abstract Service - Number
CLP	Regulation on classification, labelling and packaging [Regulation (EC) No 1272/2008].
COD	Chemical oxygen demand (COD)
DMEL	Derived exposure level with minimal impairment
DNEL	Derived exposure level without impairment
EC50	Medium effective concentration
ED	Endocrine disrupting properties

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EC no.	European Community Number
EN	European Standard
EUH rate	CLP-specific hazard statement
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
IARC	International Agency for Cancer Research
IATA	Association for International Air Transport
IMDG	Dangerous goods regulations for international maritime transport
LC50	Concentration lethal for 50 % of a test population
LD50	For 50 % of a test population lethal dose (median lethal dose)
LOAEL	Lowest dose with observable adverse effect
N.A.G.	Not mentioned elsewhere
NOAEC	Concentration without observable harmful effect
NOAEL	Dose without observable adverse effect
NOEC	Highest tested concentration without observed harmful effect
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational exposure limit
PBT	Persistent, bioaccumulative and toxic substance
PNEC	Estimated non-effect concentration
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
MSDS	Safety data sheet
STP	Sewage treatment plant
ThSB	Theoretical oxygen demand (ThOD)
TLM	Median tolerance limit
TLV-STEL	Threshold limit value- short-time exposure limit
TLV-TWA	Threshold limit value- time-weighted average
TRGS	Technical rules for hazardous substances
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative

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16.3 Important literature references and data sources

No information.

16.4 Classification of mixtures and assessment method used according to Regulation (EC) No 1207/2008 [CLP].

No information.

16.5 Wording of H and EUH phrases (number and full text)

Aerosol 1	Aerosol, category 1
Aquatic Chronic 4	Chronically hazardous to the aquatic environment, category 4
Asp. Tox. 1	Aspiration hazard, category 1
Flam. Liq. 3	Flammable liquids, category 3
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H413	May be harmful to aquatic organisms, with long lasting effects.

16.6 Full text of the classifications [CLP/GHS].

No information.

Note for the reader

To the best of our knowledge, the information contained herein is correct. However, neither the above-mentioned manufacturer nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.