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Hazardous components which must be listed on the label

Distillates (petroleum, gasoline), hydrotreated light
2-ethyl-hexanol
Benzyl alcohol

Hazard statements

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Do not discharge into drains or the environment, dispose to an authorised waste collection point.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Solvent mixture

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
919-164-8	Distillates (petroleum, gasoline), hydrotreated light	30 - 35 %
64742-82-1	Xn - Harmful R52-53-65-66	
	Asp. Tox. 1, Aquatic Chronic 3; H304 H412	
203-234-3	2-ethyl-hexanol	30 - 35 %
104-76-7	Xn - Harmful, Xi - Irritant R20-36/37/38	
	Acute Tox. 4, Eye Irrit. 2, STOT SE 3, Skin Irrit. 2; H332 H319 H335 H315	
202-859-9	Benzyl alcohol	30 - 35 %
100-51-6	Xn - Harmful R20/22	
	Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2; H302 H332 H319	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures



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4.1. Description of first aid measures

General information

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

After inhalation

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

In case of difficulties of breathing consult physician.

If victim is at risk of losing consciousness, position and transport on their side.

After contact with skin

Take off immediately all contaminated clothing, including underwear and shoes.

After contact with skin, wash immediately with plenty of water and soap.

Rub greasy ointment into the skin.

After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

Consult physician.

After ingestion

Let water be drunken in little sips (dilution effect). Consult physician.

4.2. Most important symptoms and effects, both acute and delayed

Frequently or prolonged contact with skin may cause dermal irritation.

Irritation of eyes: Irritant effect possible.

After ingestion: Harmful: may cause lung damage if swallowed.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing powder.

Sand.

alcohol resistant foam.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons

High power water jet.

5.2. Special hazards arising from the substance or mixture

Formation of decomposition products possible.

In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Cool endangered container in case of fire.

Contaminated fire-fighting water must be collected separately.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In case of fire: Wear self-contained breathing apparatus.

6.2. Environmental precautions

Beat down gas/vapours/mist with water spray.

Do not empty into drains or the aquatic environment.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Prevent spreading of spillages (e.g. by oil barrier).



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Wipe up with absorbent material (eg. cloth, fleece).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Closed devices. Vapours / aerosols must be extracted by suction immediately at point of origin.
Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

When using do not eat, drink or smoke.
Wash hands before breaks and after work.

Respiratory protection

In case of accumulation of fumes/aerosols, provide adequate ventilation.
In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Tested protective gloves are to be worn: Butyl rubber. (DIN EN 374)

Eye protection

Wear tightly sealed safety glasses against possible splashes into the eyes. (DIN EN 166)

Skin protection

Wear suitable solvent-proof protective clothing according to EN 465.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	clear/colourless
Odour:	characteristic

Test method

Changes in the physical state

Flash point:	~70 °C	DIN EN ISO 2719
Density (at 20 °C):	0,88 g/cm ³	DIN 51757
Water solubility: (at 20 °C)	insoluble	

SECTION 10: Stability and reactivity

10.2. Chemical stability

No decomposition when used as intended.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.



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10.5. Incompatible materials

Oxidizing agents.
acid, concentrated.
Alkalis (alkalis), concentrated.

10.6. Hazardous decomposition products

Carbon monoxide (CO).
Carbon dioxide (CO₂).
aldehydes

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	h
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light				
	Acute oral toxicity	LD50	>5000 mg/kg	Rat	
	Acute dermal toxicity	LD50	>2920 mg/kg	Rabbit	
104-76-7	2-ethyl-hexanol				
	Acute oral toxicity	LD50	2047 mg/kg	Rat	
	Acute dermal toxicity	LD50	>3000 mg/kg	Rat	
	Acute inhalation toxicity	ATE	1,5 mg/l		
100-51-6	Benzyl alcohol				
	Acute oral toxicity	LD50	1230 mg/kg	Rat	
	Acute dermal toxicity	LD50	2000 mg/kg	Rabbit	
	Acute inhalation toxicity	ATE	1,5 mg/l		

Irritation and corrosivity

After skin contact: Frequently or prolonged contact with skin may cause dermal irritation.
Irritation of eyes: Irritant effect possible.

SECTION 12: Ecological information



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12.1. Toxicity

CAS No	Chemical name	Method	Dose	Species	h
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light				
	Acute fish toxicity	LC50	10-100 mg/l	Oncorhynchus mykiss	96
	Acute algae toxicity	ErC50	50-100 mg/l	Pseudokirchneriella subcapitata	72
	Acute crustacea toxicity	EC50	10-22 mg/l	Daphnia magna	48
104-76-7	2-ethyl-hexanol				
	Acute fish toxicity	LC50	17,1 mg/l	Leuciscus idus	96
	Acute algae toxicity	ErC50	11,5 mg/l	Scenedesmus subspicatus	72
	Acute crustacea toxicity	EC50	39 mg/l	Daphnia magna	48
100-51-6	Benzyl alcohol				
	Acute fish toxicity	LC50	460 mg/l	Pimephales promelas (fathead minnow)	96
	Acute algae toxicity	ErC50	640 mg/l	Scenedesmus quadricauda	96
	Acute crustacea toxicity	EC50	400 mg/l	Daphnia magna (Big water flea)	48

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not dispose with household waste.
Do not empty into drains or the aquatic environment.
Have to add a Special treatment in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.
Arrange about the exact waste code with the local waste disposal expert.

Contaminated packaging

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.
Do not pierce, cut up or weld unclean container. (Explosion hazard.)

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

Other applicable information (inland waterways transport)

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

Air transport (ICAO)

Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

Dangerous for the environment: no



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SECTION 15: Regulatory information

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

EU regulatory information

Additional information

Contains:
> 30 % hydrocarbons, aliphatic.

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

- | | |
|----------|---|
| 20 | Harmful by inhalation. |
| 20/22 | Harmful by inhalation and if swallowed. |
| 36/37/38 | Irritating to eyes, respiratory system and skin. |
| 52 | Harmful to aquatic organisms. |
| 52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 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. |

Full text of H statements referred to under Sections 2 and 3

- | | |
|------|--|
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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