

RCT Mixer Protection ECO

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

1.1. Product identifier

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

Use of the substance/mixture

Release agent for industrial and commercial consumers

1.3. Details of the supplier providing the safety data sheet

Company name: Reisacher Chemie & Technik GmbH
Street: Hermann-Krum-Str. 7
Place: 88319 Aitrach (Germany)
Phone: +49 7565 942687 - 0 Telefax: +49 7565 942687 - 90
E-Mail: info@rct-germany.de
Contact person: Dr. Rockermaier
E-Mail: m.rockermaier@rct-germany.de
Homepage: www.rct-germany.de
Informing department: Laboratory

1.4. Emergency phone number:

+49 7565 942687 - 0

The emergency number is only available on weekdays (Mon-Fri) from 8:30 to 16:00 (CET).

SECTION 2: Possible hazards

2.1. Classification of the substance or mixture

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

Hazard Categories:

Aspiration hazard: Asp. 1

2.2. Label elements:

Hazard-determining component(s) for labeling:

Hydrocarbons, C15-C20, n-alkanes, iso-alkanes, cycloalkanes, < 0.03 % aromatics

Signal word: danger

Pictograms: GHS08



Hazard statements:

H304 May be fatal if swallowed and enters airways.

Safety advice

P301+P310 IF INFECTED: Call a POISON CENTER/physician immediately.

P331 DO NOT induce vomiting.

P405 Keep locked up.

P501 Dispose of contents/container in accordance with local regulations.

Special labeling of certain mixtures

not applicable

2.3. Other hazards

No information available.

SECTION 3: Composition/Information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Chemical characterization

highly refined hydrocarbons and additives.

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Hazardous ingredients

EC-No.	Designation	Proportion
CAS-No.	Classification according to Regulation (EC) No 1272/2008 [CLP].	
Index-No.		
REACH-No.		
934-956-3	Hydrocarbons, C15-C20, n-alkanes, iso-alkanes, cycloalkanes, < 0.03 % aromatics	>80%
	Asp. Tox. 1; H304	
01-2119827000-58		

Wording of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

After inhalation

Provide fresh air.

After contact with skin

Wash off with plenty of water. Remove contaminated clothing and wash before reuse. If skin irritation occurs, seek medical attention.

After contact with eyes

Immediately flush eyes cautiously and thoroughly with eye wash or water. If eye irritation occurs, consult an ophthalmologist.

After ingestion

If vomiting occurs, observe risk of aspiration. Immediately rinse mouth and drink plenty of water. Induce vomiting if the affected person is conscious. Medical treatment necessary. Seek medical attention immediately.

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

No information available.

4.3. 1.2 Indication of any immediate medical attention and special treatment needed.

Symptomatic treatment.

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media

Adapt extinguishing measures to the surroundings.

Unsuitable extinguishing media

Full jet of water

5.2. Special hazards arising from the substance or mixture

Non-flammable. Carbon dioxide (CO2). Carbon monoxide.

5.3. Advice for fire fighting

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

Additional information

Knock down gases/vapors/mist with water spray. Collect contaminated extinguishing water separately. Do not allow to enter drains or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Do not breathe gas/fumes/vapor/aerosol. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Special slip hazard due to leaking/spilled product.

6.2. Environmental precautions

Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders). Treat the absorbed material according to section Disposal.

6.4. Reference to other sections

Safe handling: see section 7

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Personal protective equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Protective measures for safe handling

Precautions for safe handling

In case of open handling, use equipment with local exhaust ventilation. Do not inhale gas/fume/vapor/aerosol.

Fire and explosion protection precautions

No special measures are required.

7.2. Conditions for safe storage taking into account incompatibilities

Requirements for storage rooms and containers

Keep container tightly closed. Store under lock and key. Store in a place accessible only to authorized persons. Provide adequate ventilation and spot extraction at critical points. Store only in the original container.

Information on storage in one common storage facility

Do not store together with: Oxidizing agents.

Further information on storage conditions

Recommended storage temperature: at room temperature.

Storage class according to TRGS 510: 10 - Flammable liquids, which cannot be assigned to any of the above LGK.

7.3. Specific end use

Release agent

SECTION 8: Exposure controls/personal protection

Additional advice on the design of technical equipment

not applicable

8.1. Parameters to be monitored

Occupational exposure limits

none

8.2. Exposure controls and monitoring



Suitable technical control devices

In case of open handling, use devices with local exhaust ventilation.

Do not inhale gas/fume/vapor/aerosol.

Components with occupational exposure limits or biological limit values to be monitored: none/none..

Protective and hygienic measures

Remove contaminated clothing immediately. Prepare and observe skin protection plan!

Wash hands and face thoroughly before breaks and at the end of work.

Do not eat or drink while working.

Eye/face protection

Wear eye/face protection.

Hand protection

When handling chemical agents, only chemical protective gloves with a CE mark including a four-digit test number may be worn. The design of chemical protective gloves must be selected specifically for the workplace, depending on the concentration and quantity of hazardous substances. It is recommended to clarify the chemical resistance of the above mentioned protective gloves for special applications with the glove manufacturer. Approved protective gloves are to be worn: Suitable material: NBR (nitrile rubber). FKM (fluororubber). Penetration time (maximum wearing time): 480 min.

Body protection

Wear suitable protective clothing during work.

Respiratory protection

Wear respiratory protection if ventilation is inadequate. Respiratory protection is not required when used properly and under normal conditions.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:		liquid	
Color:		yellow	
Odor:		like: mineral oil	
Melting point/Melting range:		not determined	
Boiling point / boiling range:		not determined	
Flash point:		>110°C	DIN EN ISO 2719
Lower explosion limit:		not determined	
Upper explosion limit:		not determined	
Auto-ignition temperature:		not determined	
Decomposition temperature:		not determined	
Oxidizing properties:		not oxidizing	
Vapor pressure:	(50°C)	not determined	
Density:	(15°C)	approx. 0.88 g/ cm ³	DIN 51757
Water solubility:		insoluble	
Partition coefficient:		not determined	
Kin. Viscosity:	(at 40 °C)	8 mm ² /s	DIN 51562

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions will occur if handled and stored as directed.

10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

Decomposition occurs at temperatures of: none

10.5. Incompatible materials

Oxygen

10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Akute toxicity

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

CAS-No.	Designation	Method	Dose	Species
	Hydrocarbons, C15-C20, n-alkanes, iso-alkanes, cycloalkanes, < 0.03 % aromatics			
	oral	LD50	> 5000 mg/kg	rat
	dermal	LD50	> 5000 mg/kg	rabbit
	inhalative	LC50	5,53 mg/l/4 h	rat

Irritant and corrosive effects

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

Irritant effect on the eye:

slightly irritant.

Irritant effect on skin:

none.

Sensitizing effects

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

not sensitizing

Carcinogenic, mutagenic and toxic for reproduction effects

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

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Specific target organ toxicity at single exposure

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

Specific target organ toxicity in repeated exposure.

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

Aspiration hazard

May be fatal if swallowed and enters airways. (Hydrocarbons, C15-C20, n-alkanes, iso-alkanes, cycloalkanes, < 0.03% aromatics)

SECTION 12: Environmental information

12.1. Toxicity

The product is not: Ecotoxic.

12.2. Persistence and degradability

Biodegradation: Potentially biodegradable (according to OECD criteria).

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information is available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment procedures

Recommendation

Do not allow to enter drains or water courses.
Dispose of in accordance with official regulations.

Waste code product

13 02 08 / color Waste oils and wastes from liquid fuels (except edible oils and oil wastes mentioned in 05, 12 and 19); waste engine, gear and lubricating oils; other engine, gear and lubricating oils.
Classified as hazardous waste.

Waste code uncleaned packaging

This product and its container must be disposed of as hazardous waste. Contaminated packaging must be treated as the substance. Dispose of in accordance with official regulations. Hand over to authorized waste disposal company.

SECTION 14: Transport information

Land transport (ADR/RID)

Inland waterway transport (ADN)

Marine transport (IMDG)

Air transport (ICAO)

No dangerous goods according to above regulations

14.5. Environmental hazards

DANGEROUS TO THE ENVIRONMENT: no

14.6. Special precautions for the user

No information available.

14.7. Bulk transport according to Annex II of MARPOL Convention and according to IBC Code

not applicable

SECTION 15: Legislation

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

EU regulations

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

Additional information

To be observed: 850/2004/EC, 79/117/EEC, 689/2008/EC

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National regulations

Employment restrictions:	Observe employment restrictions for young persons (§22 JArbSchG).
Water hazard class	1 - slightly hazardous to water
	Mixing rule according to VwVwS 1 No. 5 AwSV

15.2. Chemical safety assessment

A chemical safety assessment for substances in this mixture has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

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

H304 May be fatal if swallowed and enters airways.

Further information

The information in this safety data sheet is based on our best knowledge at the time of printing. The information is based on the present state of our knowledge, but it does not constitute a guarantee of product properties and does not establish a contractual legal relationship. The information is intended to provide guidance on the safe handling of the product specified in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product is mixed, blended or processed with other materials or subjected to treatment, the information in this safety data sheet cannot be transferred to the new material thus produced, unless expressly stated otherwise.