

RHENOCURE CRV/LG

according to Regulation (EC) No. 1907/2006

Division Rubber

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

Commercial Product Name : **RHENOCURE CRV/LG**
Substance No. : 217-614-1
1908-87-8

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

Use of the : Accelerator
Substance/Mixture

1.3 Details of the supplier of the safety data sheet

Rhein Chemie Rheinau GmbH
Duesseldorfer Strasse 23-27
68219 Mannheim
Germany

Telephone +49 (0)621-8907-270
Telefax +49 (0)621-8907-404
E-Mail
product.safety@rheinchemie.com

1.4 Emergency telephone number

+49 (0) 621 8907 313

2. Hazards identification**2.1 Classification of the substance or mixture****Classification REGULATION (EC) No 1272/2008**

Acute toxicity, Category 4 H302: Harmful if swallowed.

Classification 67/548/EEC, 1999/45/EC

Harmful R22: Harmful if swallowed.

2.2 Label elements**Labelling REGULATION (EC) No 1272/2008**

Hazard pictograms :



Signal word : Warning

Hazard statements : H302 Harmful if swallowed.

Precautionary : **Prevention:**

RHENOCURE CRV/LG

according to Regulation (EC) No. 1907/2006

Division Rubber

statements

P270

Do not eat, drink or smoke when using this product.

Response:

P301 + P312

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

P330

Rinse mouth.

3. Composition/information on ingredients**Chemical nature**

Substance

Hazardous components

Chemical Name	EC-No. CAS-No.	Concentration	Classification REGULATION (EC) No 1272/2008	M-Factor
3-methyl-thiazolidine-thione-2	217-614-1 1908-87-8	<= 100	Acute Tox. 4; H302	

4. FIRST AID MEASURES**4.1 Description of first aid measures**

- General advice : Take off contaminated clothing and shoes immediately.
- Inhalation : Remove to fresh air.
If symptoms persist, call a physician.
- Skin contact : Wash off immediately with soap and plenty of water.
If symptoms persist, call a physician.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids.
If eye irritation persists, consult a specialist.
- Ingestion : Give small amounts of water to drink.
Induce vomiting if person is conscious.
Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : see Chapter 11

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No information available.

5. Firefighting measures**5.1 Extinguishing media**

- Suitable extinguishing : water mist, foam, dry powder, CO₂,

RHENOCURE CRV/LG

according to Regulation (EC) No. 1907/2006

Division Rubber

media

Unsuitable extinguishing : High volume water jet,

media

5.2 Special hazards arising from the substance or mixture

Specific hazards : Heating or fire can release toxic gas.

5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

Further information : Do not allow run-off from fire fighting to enter drains or water courses.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.**6. Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**Personal precautions : Avoid dust formation.
Ensure adequate ventilation.
Use personal protective equipment.**6.2 Environmental precautions**

Environmental precautions : Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning upMethods for cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.
Avoid dust formation.**7. Handling and storage****7.1 Precautions for safe handling**

Advice on safe handling : For personal protection see section 8.

Advice on protection against fire and explosion : During processing, dust may form explosive mixture in air.
Avoid formation of dust and aerosols.
Provide sufficient air exchange and/or exhaust in work rooms.
Take measures to prevent the build up of electrostatic charge.
Keep away from sources of ignition - No smoking.**7.2 Conditions for safe storage, including any incompatibilities**Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
Avoid temperatures above 60°C, direct sunlight and contact with sources of heat.

Advice on common storage : Keep separated from foodstuffs.

German storage class : 11
Combustible Solids

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

- | | | |
|------------------------|---|---|
| Respiratory protection | : | Dust-protection mask if there is a risk of dust formation. |
| Hand protection | : | Wear suitable protective gloves (e.g. rubber gloves).
Avoid skin contact with the wetted surfaces of the protective gloves.
In the event of contamination, change protective gloves immediately. |
| Eye protection | : | Tightly fitting safety goggles |
| Body Protection | : | Long sleeved clothing |
| Hygiene measures | : | When using, do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Use a high fat protective cream after cleaning skin.
Keep working clothes separately. |
| Protective measures | : | Avoid contact with the skin and the eyes.
Do not breathe dust.
When handling observe the usual precautionary measures for chemicals. |

Environmental exposure controls

- | | | |
|----------------|---|---|
| General advice | : | Discharge into the environment must be avoided. |
|----------------|---|---|

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

- | | | |
|-----------------|---|-------------------|
| Form | : | flakes, |
| Colour | : | white to beige |
| Odour | : | very faint |
| Odour Threshold | : | no data available |

Safety data

- | | | |
|----------------------|---|-------------------|
| Flash point | : | ca.180 °C |
| Ignition temperature | : | no data available |

RHENOCURE CRV/LG

according to Regulation (EC) No. 1907/2006

Division Rubber

Thermal decomposition	: > 160 °C
Lower explosion limit	: no data available
Upper explosion limit	: no data available
Flammability (solid, gas)	: Sustains combustion
Oxidizing properties	: no
Auto-ignition temperature	: not auto-flammable
pH	: not applicable
Melting point/range	: 68 - 70 °C
Boiling point/boiling range	: no data available
Vapour pressure	: ca.1,3 hPa (130 °C)
Density	: ca.1,39 g/cm ³ (20 °C)
Water solubility	: insoluble
Partition coefficient: n-octanol/water	: no data available
Solubility in other solvents	: no data available
Viscosity, kinematic	: not applicable
Explosive properties	: Not explosive
Relative vapour density	: no data available
Evaporation rate	: no data available

10. Stability and reactivity**10.1 Reactivity**

Reactivity : No hazards to be specially mentioned.

10.2 Chemical stability

Chemical stability : Stable under normal conditions.

RHENOCURE CRV/LG

according to Regulation (EC) No. 1907/2006

Division Rubber

10.3 Possibility of hazardous reactions

Hazardous reactions : Dust may form explosive mixture in air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : Incompatible with acids.

10.6 Hazardous decomposition productsHazardous decomposition products : Carbon oxides
Sulphur oxides
nitrogen oxides (NOx)**11. Toxicological information****11.1 Information on toxicological effects**Acute oral toxicity : LD50: 1.200 mg/Kg
Species: rat

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Skin irritation : Species: rabbit
No skin irritationEye irritation : Species: rabbit
Mild eye irritation

Sensitisation : no data available

Repeated dose toxicity : no data available

Genotoxicity in vitro : no data available

Genotoxicity in vivo : no data available

Carcinogenicity : no data available

RHENOCURE CRV/LG

according to Regulation (EC) No. 1907/2006

Division Rubber

Reproductive toxicity : no data available

STOT - single exposure : no data available

STOT - repeated exposure : no data available

Aspiration toxicity : no data available

12. Ecological information**12.1 Toxicity**

Ecotoxicity effects : No information on ecology is available.

12.2 Persistence and degradability

Biodegradability : no data available

12.3 Bioaccumulative potential

Bioaccumulation : no data available

12.4 Mobility in soil

Mobility : no data available

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : not applicable

12.6 Other adverse effects

Additional ecological information : Discharge into the environment must be avoided.

13. Disposal considerations**13.1 Waste treatment methods**

Product : The relevant EC Directives as well as local, regional and national regulations have to be observed.
It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste Catalogue.
It is recommended that details be sorted out with the waste disposer responsible.

Method of disposal : If utilisation or recycling of the product is not possible, it should be disposed of according to the local regulations and

laws, e.g. by incineration in a suitable plant.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

Other information

No dangerous cargo., Keep separated from foodstuffs.

15. Regulatory information

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

Water contaminating class (Germany)

WGK 3:highly water endangering (VWVWS A4)

15.2 Chemical Safety Assessment

Chemical Safety Assessment not yet performed.

16. Other information

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

R22 Harmful if swallowed.

Full text of H-Statements referred to under sections 2 and 3.

H302 Harmful if swallowed.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.