

Material Safety Data Sheet



Revision: Dec.01.2023
Printing Date: Dec.01.2023

RL 617

1. Name of the Substance / Preparation and Company

Trade Name:

RL 617

Usage:

PVC additive

Company Name:

SHANGHAI RALLYCHEM CHEMICALS CO., LTD

ADD: 17F CHANG'AN BUILDING, 1001 CHANG'AN ROAD, JING'AN, SHANGHAI, CHINA

TEL: +86-21-63537171

FAX: +86-21-63173060

Emergency Information:

China (National Registration Center for Chemicals): +86-532-83786201

2. Hazards Identification of the Product

This product does not require labeling in terms of preparation guideline 1999/45/EC.
Not special remarkable hazards known.

3. Composition / Information on Ingredients

| Component | Solid Content (%) | Symbol / R-phrases |
|----------------------|-------------------|---|
| Ethylene Homopolymer | 100 | —[CH ₂ — CH ₂] — |

4. First-aid Measures

FIRST AID MEASURES FOR ACCIDENTAL:

General information:

Change out of contaminated, saturated clothing.

Inhalation:

Not applicable.

Skin contact:

Wash off with soap and warm water. If skin irritation persists, seek medical advice.

Eye contact:

Rinse immediately with plenty of water and seek medical advice.

Ingestion:

Do not induce vomiting. Rinse out mouth and then drink plenty of water. Seek medical advice immediately.

Material Safety Data Sheet



Revision: Dec.01.2023
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RL 617

Advice to doctor: Treat symptomatically.

5. Fire-fighting Measures

Suitable extinguishing media: Product itself does not burn, coordinate firefighting measures to the fire surroundings.

Extinguishing media that must not be used: Use breathing apparatus with independent air supply.

Special protective equipment for firefighting: Use breathing apparatus with independent air supply.

Additional information: See under section 10.
Fire residues and contaminated firefighting water must be disposed if in accordant with the local regulations.

6. Accidental Release Measures

Personal precautions: High risk of slipping due to leakage / spillage of product.

Environmental precautions: Prevent spread over a wide area (eg, by containment).
Do not allow to enter drains / surface waters / groundwater.

Methods for cleaning up / taking up: Pick up with absorbent material (eg, sand, sawdust, general-purpose binder). Treat recovered material in accordance with the regulations.

7. Handling and Storage

Hints for safe handling: No special measures necessary if used correctly.

Hints for protection against fire and explosion: No special measures necessary.

Requirements for strong rooms and vessels: Store only in original container.

Hints on storage assembly: None.

Further information on storage conditions: Keep container tightly closed and store in a cool well-ventilated place.

Storage class: Not applicable.

RL 617

8. Exposure Controls / Personal Protection

| | |
|--|--|
| Exposure controls: | Respiratory protection: Not necessary. |
| Hand protection: | Chemical resistance, impervious glove complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this necessary. |
| Eye protection: | Safety glasses. |
| Skin protect : | Wear suitable protective clothing. |
| Additional advice on system design: | Not relevant. |
| Components with occupational exposure limits to be mentioned: | |
| Respiratory protection: | Not applicable. |
| Hand protection: | Protective glove. |
| Eye protection: | Safety glasses. |
| Skin protection: | Not applicable. |
| General protective measures: | Avoid contact with skin and eyes. |
| Hygiene measures: | Wash hands before breaks and on finishing work. |

9. Physical and Chemical Properties

| | |
|---|-----------------|
| Physical state: | Powder |
| Colour: | White |
| Odour: | Characteristic |
| Flash point °C: | Not applicable |
| Flammability: | - |
| Lower explosion limit: | - |
| Upper explosion limit: | - |
| Density (g/cm³): | - |
| Partition coefficient n-octanol / water: | - |
| Viscosity: | 200 cps (140°C) |
| Relative vapour density: | Not relevant |
| Melting point: | 114°C |
| Auto ignition temperature: | - |

Material Safety Data Sheet

RL 617

10. Stability and Reactivity

Hazardous reactions: No hazardous reactions known.
Hazardous decomposition products: No hazardous decomposition products known, >300°C risk of formulation of toxic hydrolysis products.

11. Toxicological Information

Acute oral toxicity: LD50 rat: > 5,000 mg/kg Remarks: Low toxicity
Acute dermal toxicity: LD50 Rabbit > 5000 mg/kg Remarks: Low toxicity
Acute inhalational toxicity: LC 50 Rat: > 5 mg/l Remarks: Low toxicity
Irritant effect on eye: -
Sensitization / Validation: -
Chronic toxicity / Validation: -
Mutagenicity / Validation: -
Reproduction toxicity / Validation: -
Carcinogenicity / Validation: -
Experiences made in practice: None
General remarks: No toxicological data is available. No classification on the basis of the calculation procedure of the preparation directive 199/45/EC.

12. Ecological Information

Ecotoxicity: Data is not available.
Persistence and degradation: Product will not pollute the effluent, provided is processed correctly.
Other adverse effects (ODP, AOX): No hazardous components.
Other hints: Do not discharge product into the environment without control.
Contains compounds of 76/464/EC: Not applicable.

13. Disposal Considerations

Disposal / Waste (product): Sent to a physico-chemical treatment facility in compliance

Material Safety Data Sheet

RL 617

Disposal / Contaminated packages: with the official regulation.
Non-contaminated packages may be recycled.

14. Transport Information

ADR:

Dangerous Goods Declaration: Not classified as Dangerous Goods.

Labeling:

Hazard-no:

Label:

ADR-Conditions for limited quantities (LQ):

Dangerous Goods Declaration: Not classified as Dangerous Goods.

Labeling:

Label:

Inner packing max:

Total gross mass of a package:

IMDG-condition for limited quantities (LQ):

Dangerous Goods Declaration : Not classified as Dangerous Goods.

Labeling:

Label:

Inner packing max:

Total gross mass of a package:

LATA code: Not classified as Dangerous Goods.

Dangerous Goods Declaration:

Labeling:

Label:

15. Regulations - Classification and Identification

Labeling: The product does not require labeling in terms of the EC directives.

Hazard symbols:

Special provisions concerning labeling of certain preparation: Not applicable.

Material Safety Data Sheet



Revision: Dec.01.2023
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RL 617

National regulation:

Water hazard class: 1 (classification according VwVwS Annex 4)

16. Other Information

R-Phrases (Component)

22 Harmful if swallowed
41 Risk of serious damage to eyes

Regulatory information:

91/155/EWG (2002/58/EG)
67/548/EWG (2001/59/EG)
1999/45/ (2001/60/EG)
89/542
ADR (23.07.01)
LMDG-Code (30 Amdt)
LATA-DGR (2002)
Classification according to VbF
Water hazard class

Modified position:

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END OF SAFETY DATA SHEET