

Material Safety Data Sheet



Revision: Dec.01.2023
Printing Date: Dec.01.2023

RL 100

1. Name of the Substance / Preparation and Company

Trade Name:

RL 100

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.

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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.

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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):	0.93
Partition coefficient n-octanol / water:	-
Viscosity:	10 cps (140°C)
Relative vapour density:	Not relevant
Melting point:	100
Auto ignition temperature:	-

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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

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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.

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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