

# Material Safety Data Sheet



Revision: Dec.01.2023  
Printing Date: Dec.01.2023

**RL 200**

## **1. Name of the Substance / Preparation and Company**

**Trade Name:**

RL 200

**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 <sub>2</sub> — CH <sub>2</sub> ] —

## **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**

<b>Exposure controls:</b>	Respiratory protection: Not necessary.
<b>Hand protection:</b>	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.
<b>Eye protection:</b>	Safety glasses.
<b>Skin protect :</b>	Wear suitable protective clothing.
<b>Additional advice on system design:</b>	Not relevant.
<b>Components with occupational exposure limits to be mentioned:</b>	
<b>Respiratory protection:</b>	Not applicable.
<b>Hand protection:</b>	Protective glove.
<b>Eye protection:</b>	Safety glasses.
<b>Skin protection:</b>	Not applicable.
<b>General protective measures:</b>	Avoid contact with skin and eyes.
<b>Hygiene measures:</b>	Wash hands before breaks and on finishing work.

## **9. Physical and Chemical Properties**

<b>Physical state:</b>	Powder
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic
<b>Flash point °C:</b>	Not applicable
<b>Flammability:</b>	-
<b>Lower explosion limit:</b>	-
<b>Upper explosion limit:</b>	-
<b>Density (g/cm<sup>3</sup>):</b>	-
<b>Partition coefficient n-octanol / water:</b>	-
<b>Viscosity:</b>	700 cps (140°C)
<b>Relative vapour density:</b>	Not relevant
<b>Melting point:</b>	114
<b>Auto ignition temperature:</b>	-

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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