

# Material Safety Data Sheet



Revision: Dec.01.2023  
Printing Date: Dec.01.2023

RL 78

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

**Trade Name:**

RL 78

**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
Polyester Wax	100	—[CH <sub>2</sub> — CH <sub>2</sub> ] —COOC

## 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:** Powder, alcohol-resistant foam, carbon dioxide, sand.

**Extinguishing media that must not be used:** No information available.

**Special protective equipment for firefighting:** Use goggles in combination with dust mask, and another protections as appropriate to situation.

**Additional information:** Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.

### 6. Accidental Release Measures

**Personal precautions:** Use mask, goggles and protective gloves. Ensure adequate ventilation. Large spills: Remove person to safety. Treat from upwind position.

**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:** Collect spills in suitable containers and dispose of them in safe area.

### 7. Handling and Storage

**Hints for safe handling:** Put on appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or dusts. Use only with adequate ventilation. Store in a dry, cool, dark and well ventilated area. Keep away from incompatibles. Keep container tightly closed and dry.

**Hints for protection against fire and** No special measures necessary.

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**explosion:**  
**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.

## **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  
**Density:** -  
**Melting point:** 107-117 °C

## **10. Stability and Reactivity**

**Hazardous reactions:** No hazardous reactions known.

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**Hazardous decomposition products:**

No hazardous decomposition products known,

## **11. Toxicological Information**

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

## **12. Ecological Information**

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

## **13. Disposal Considerations**

<b>Disposal / Waste (product):</b>	Sent to a physico-chemical treatment facility in compliance with the official regulation.
<b>Disposal / Contaminated packages:</b>	Non-contaminated packages may be recycled.

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## **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.

**National regulation:**

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

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## 16. Other Information

<b>R-Phrases (Component)</b>	22 Harmful if swallowed 41 Risk of serious damage to eyes
<b>Regulatory information:</b>	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
<b>Modified position:</b>	-

END OF SAFETY DATA SHEET