

Material Safety Data Sheet

According to Regulation(EC) 1272/2008



Rallychem[®]

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Revision: 24.01.2024
Printing Date: 24.01.2024

RL 105

1. Name of the Substance / Preparation and Company

Trade Name:

RL 105

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 Regulation(EC) 1272/2008.

Not special remarkable hazards known.

3. Composition / Information on Ingredients

Component	Solid Content (%)	Symbol / R-phrases
Fischer Tropsch wax	100	C ₂₁ H ₂₇ NO ₃

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.

Advice to doctor:

Treat symptomatically.

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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 of in accordance 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.

8. Exposure Controls / Personal Protection

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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:	8-20cps @ 140° C (284°F)
Relative vapour density:	Not relevant
Melting point:	105°C
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 Regulation(EC) 1272/2008.

12. Ecological Information

Ecotoxicity: Data is not available.
Persistence and degradation: Product will not pollute the effluent, provided it 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.

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13. Disposal Considerations

Disposal / Waste (product): Sent to a physico-chemical treatment facility in compliance with the official regulation.

Disposal / Contaminated packages: Non-contaminated packages may be recycled.

14. Transport Information

ADR:

Dangerous Goods Not classified as Dangerous Goods.

Declaration:

Labeling:

Hazard-no:

Label:

ADR-Conditions for limited quantities (LQ):

Dangerous Goods Not classified as Dangerous Goods.

Declaration:

Labeling:

Label:

Inner packing max:

Total gross mass of a package:

IMDG-condition for limited quantities (LQ):

Dangerous Goods Not classified as Dangerous Goods.

Declaration:

Labeling:

Label:

Inner packing max:

Total gross mass of a package:

LATA code:

Dangerous Goods Not classified as Dangerous Goods.

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Declaration:

Labeling:

Label:

15. Regulations - Classification and Identification

A Chemical Safety Assessment has been carried out.

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

Hazard symbols:

Special provisions

concerning labeling of Not applicable.

certain preparation:

National regulation:

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

16. Other Information

LABELLING and/or SIGNAL WORD None

HAZARD STATEMENTS None

PRECAUTIONARY STATEMENTS None

END OF SAFETY DATA SHEET