

CHEMICAL PRODUCTS

PRODUCT SAFETY DATA

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: EMKARATE RL 15H

Address/Phone No. : ICI Chemicals & Polymers Ltd
Chemical Products Business
PO Box No 90
Wilton Centre
Middlesbrough
Cleveland, TS6 8JE
(0642) 454144
Emergency Phone No.: (0642) 452461

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION
polyol ester
Contains: antioxidant

HAZARDOUS INGREDIENT(S)	CAS No.	Symbol	R Phrases
Contains no Hazardous Ingredients (91/155/EEC)			

3. HAZARDS IDENTIFICATION

This health hazard assessment is based on information available on similar products.

May cause mild eye irritation.
Repeated or prolonged skin contact may result in mild irritation.

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Chemicals & Polymers Ltd, Wilton, Middlesbrough, Cleveland, TS6 8JE Telephone (0642) 454144, Telex 587461, Fax (0642) 432444

PRODUCT NAME: ENKARATE RL 15H

4. FIRST-AID MEASURES

Inhalation : Remove patient from exposure.
Obtain medical attention if ill effects occur.

Skin Contact : Remove contaminated clothing.
Wash skin with water.
If symptoms develop, obtain medical attention.

Eye Contact : Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.

Ingestion : Do not induce vomiting.
Wash out mouth with water and give 200-300 ml (half a pint) of water to drink.
Obtain medical attention.

Further Medical Treatment

Symptomatic treatment and supportive therapy as indicated.

5. FIRE-FIGHTING MEASURES

Low fire hazard. Unlikely to ignite except in high heat flux conditions. Thermal decomposition will evolve irritant vapours.

Extinguishing Media : As appropriate for surrounding materials/equipment. Use water with care to avoid possible violent production of steam.

Fire Fighting Protective Equipment : Suitable respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Do not allow to enter drains, sewers or watercourses.
Adsorb spillages onto sand, earth or any suitable adsorbent material.
Transfer to a container for disposal or recovery.

7. HANDLING AND STORAGE

7.1 HANDLING

Avoid contact with eyes.
Avoid prolonged skin contact.
Avoid inhalation of high concentrations of mists.

Thermal decomposition will evolve irritant vapours.
Avoid inhalation of high concentrations of vapours.

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7.2 STORAGE

Keep away from strong oxidising agents

Suitable containers: mild steel

Avoid ingress of moisture by keeping containers properly sealed when not in use.

Storage Temperature : ambient.

Storage Life : 2 year(s)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Good working practice suggests gloves and goggles should be worn.

Occupational Exposure Limits

HAZARDOUS INGREDIENT(S)	LTEL 8hr TWA ppm mg/m ³	STEL ppm mg/m ³	Time mins
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No Occupational Exposure Limit Assigned

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Colour	: pale straw
Odour	: mild
Odour Threshold (ppm)	: No data.
pH (Value)	: No data.
Boiling Point (Deg C)	: No data.
Flash Point (Deg C)	: 227 (open cup)
Flammable Limits	: No data.
Auto Ignition Temperature (Deg C)	: No data.
Explosive Properties --	: Not applicable.
Oxidising Properties --	: No data.
Vapour Pressure (mm Hg)	: No data.
Vapour Pressure (Pascals)	: No data.
Density (g/ml)	: 0.9796 at 20 Deg C
Solubility (Water)	: <1%
Solubility (Other)	: No data.
Partition Coefficient	: No data.
Pour Point (Deg C)	: -50
Kinematic Viscosity	: 15.1cSt at 40 Deg C 3.54cSt at 100 Deg C
Acid Value	: <0.01mg KOH/g

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10. STABILITY AND REACTIVITY

Incompatible materials: strong oxidising agents

Hazardous Decomposition Product(s) : See Section 5

11. TOXICOLOGICAL INFORMATION

This health hazard assessment is based on information available on similar products.

Inhalation : High concentrations of mist may be slightly irritant to the upper respiratory tract.
Thermal decomposition will evolve irritant vapours.

Skin Contact : Repeated or prolonged skin contact may result in mild irritation.
By analogy with similar substances this material is unlikely to be a skin sensitiser.

Eye Contact : May cause mild eye irritation.

Ingestion : Ingestion may cause irritation of the gastrointestinal tract.

Long Term Exposure : No information available.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution
No data.

Persistence and Degradation
No data.

Toxicity
The following data relates to one of the constituent polyol esters:
Low toxicity to fish.
Low toxicity to bacteria.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

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14. TRANSPORT INFORMATION

Not Classified as Hazardous for Transport.

15. REGULATORY INFORMATION

Not Classified as Hazardous to Users.

16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC.

Use : Lubricant

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