

SAFETY DATA SHEET according to 2001/58/EC # 1

Ring Automotive RLD3

01 Trade name and company.

01 Trade name:

RING AUTOMOTIVE RLD3

02 Company:

Ring Automotive

Gelderd Road, Leeds, LS12 6NA England

Telephone: +44 (0)113 2132000

03 Uses:

Dyestuff for industrial applications.

02 Composition/information on ingredients.

01 General description:

Dyestuff in aqueous/organic solution.

02 Hazardous ingredients:

None.

03 Hazards identification.

01 Risk phrases:

None.

04 First-aid measures.

01 General procedures:

Remove contaminated clothing.

02 Inhalation:

If symptoms due to inhalation of vapour are observed: remove person to fresh air, seek medical advice.

03 Skin contact:

After contact with skin, wash with water and soap.

04 Eye contact:

After contact with eyes, rinse immediately with plenty of water and seek medical advice.

05 Ingestion:

If swallowed, rinse mouth with plenty of water and give water to drink. Seek medical advice.

05 Fire-fighting measures.

01 Extinguishing media:

Waterspray, foam, dry chemical, carbon dioxide (CO₂).

02 Protective equipment:

Self-containing breathing apparatus.

03 Special exposure Hazards:

If involved in a fire the product may emit toxic/irritant fumes. (CO, NO_x, Sox)

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06 Accidental release measures.

01 Personal protection:

Avoid inhalation of vapour and contact with skin and eyes.

02 Environmental protection:

Prevent entry into sewers, water sources or soil.

03 Cleaning measures:

Soak up with an inert absorbant material and put in a drum for disposal. Remove remainders with running water and detergent.

07 Handling and storage.

01 Handling:

Maintain appropriate ventilation in storage- and working place.

02 Fire- and explosion precautions:

Keep away from open fire and sources of ignition.

03 Storage:

Keep container tightly closed and store in dry and cool conditions.

08 Exposure controls/personal protection.

02 Substances with exposure limits:

Total aerosol: 10 mg/m³.

03 Personal protection:

Respiratory protection: Avoid inhalation of vapour. . Use an aerosol mask (according to EN 140 or equal). Skin protection: Impervious gloves. (PVC, rubber, neoprene) Face protection: Safety glasses. General measures: Store, handle and use in accordance with good industrial hygiene practices when handling with chemicals.

09 Physical and chemical properties.

01 Physical form:

Liquid.

02 Colour:

yellow.

03 Odour:

None.

04 Change of physical form:

See 09.05 upto 09.10 incl.

05 Boiling point/boiling range:

> 100 °C

06 Point of solidification:

not known.

07 Melting point/melting range:

n.a.

08 Flash point:

not known.

09 Flammability:

not known.

10 Decomposition temperature:

not known.

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09 Physical and chemical properties.

11 Explosive properties:

Product is not considered as an explosion hazard.

12 Vapour pressure:

not known.

13 Relative density:

(20 °C) 1.0 - 1.1 g/cm³.

14 Bulk density:

not known.

15 Solubility in water:

soluble.

16 Solubility in other solvents:

n.d.a.

17 pH-value:

20°C, undiluted: 8.0 - 9.5

18 Partition Coefficient (n-octanol/water):

not known.

19 Viscosity:

not known

10 Stability and reactivity.

01 Stability:

No decomposition occurs if stored and used under normal conditions.

02 Materials to avoid:

Oxidizing agents.

03 Conditions to avoid:

High temperatures.

04 Hazardous reactions:

None known.

05 Hazardous decomposition products:

None, if stored and used under normal conditions.

11 Toxicological information.

01 Acute toxicity, LD50/oral/rat:

more than 5000 mg/kg.

02 Primary skin irritation/rabbit:

There may be mild irritation at the site of contact.

03 Primary eye irritation/rabbit:

There may be irritation.

04 Inhalation risk:

n.d.a.

05 Sensitization risk:

n.d.a.

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12 Ecological Information.

01 Biodegradability:

not known.

02 Mobility:

Readily absorbed into soil.

03 Persistence and degradability:

n.d.a.

04 Bioaccumulative potential:

n.d.a.

05 Other adverse effects:

n.d.a.

10 Ecotoxicity:

See 12.11 and 12.20

11 Fish toxicity:

Method: LC50, over 1000 mg/l. Testing time: 96 h. Test species: Lepomis macrochirus.

20 Toxicity to bacteria in effluent:

not known.

13 Disposal considerations.

01 Product:

Product should be disposed of by land-fill or incineration plant at an authorized site in accordance with local regulations.

02 Packings:

Clean packings can be re-used. Uncleaned packings should be disposed of the same way as the product.

14 Transport information.

Product is not classified as dangerous for transport. Additional information: Keep away from foodstuffs.

15 Regulations.

01 Classification acc. to EC directives:

Not classified as hazardous substance according to The Classification, Packaging and Labelling of Dangerous Substances Regulations (EC Council Directive 67/548/EEC and 88/379/EEC. Amended).

02 National regulations:

WGK (Water Pollution Class): not known Classification according to the German Water Resources Act.

16 Other information.

n.a. : not applicable

n.d.a. : no data available Last revision d.d.: Jun.2008 Version: 1. This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from a point of view of health and safety requirements. It should not therefore be construed as guaranteeing specific properties.

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