

1. Identification of the substance/preparation and company

Product name: Red Lightning
 Application: Water-based all purpose cleaner
 Supplier: Chemical Direct LTD
 Unit 28, Stadium Business Park
 Ballycoolin Road Dublin 11 Ireland
 Tele 01 8118920

Information in Case of Emergencies Transport: 8002553824 USA, 8132480582 Intl.
 Health: Contact local control Poison Center

2. Composition / information on ingredients

Chemical description: Blend of water, synthetic detergents and builders

Ingredients	CAS nr.	Weight(%)	Classification	Risk phrases*
Sodium Carbonate	497-19-8	1 - 5	Xi	36
Natriumxylenesulfonate	1300-72-7	1 - 5	Xi	36-38
Ethoxylated alcohol	34398-01-1	1 - 5	Xn	22-36/37/38

*See section 16 for mentioned R-phrases.

3. Hazards identification of the preparation

Not hazardous according to current Dangerous Preparations Directive (1999/45/EEC).

4. First aid measures

Inhalation: Remove patient to fresh air.
 Skin: Wash with soap and water. If irritation persists, get medical attention.
 Eyes: Flush eyes with plenty of water. If irritation persists, get medical attention.
 Ingestion: Get medical attention.

5. Fire-fighting measures

Extinguishing media: No special requirements. Special warnings: Wear protective clothing.

6. Accidental release measures

Precautions: Avoid contact with skin and eyes.
 Personal protection: Use appropriate protective equipment as described in section 8.
 Spill control: Absorb with sawdust, kieselguhr. OIL-DRI or other inert material. Sweep or scrape up. Rinse affected area with water.

7. Handling and storage

Handling: Handle only in well ventilated areas. Wash thoroughly after handling.
 Storage: Cool, dry place with adequate ventilation. Keep out of reach of children. Keep from freezing.
 Materials to avoid: See "materials to avoid" under heading "Stability and reactivity"

8. Exposure controls / personal protection

Exposure controls: No additional requirements, see section 7.
 Protective equipment: Respiratory: Hands / skin: - ; Eyes: Safety glasses; General: Launder contaminated clothing before reuse.

9. Physical and chemical properties

Physical state: Liquid.	Colour: Red/pink	Odour: Characteristic.
PH: 10,8	Boiling point / range: Not determined	Melting point / range: Not determined
Flash point: Not applicable	Relative density: 1,043 g/cm ³	Solubility in water: Complete
Solubility in oil: No	Viscosity at 20 C: < 30 mPa.s	

10. Stability and reactivity

Stability: Stable. Materials to avoid: Strong oxidising agents Hazardous decomposition products: determined.

11. Toxicology information

Oral LD50: > 2g./kg (rats). Inhalation: Not expected to impart hazardous properties.
 Skin: Not expected to impart hazardous properties. Eye: Direct contact may cause irritation.

12. Ecological information

Biodegradability: Not determined

13. Disposal considerations

Material disposal: Dispose of according to local environmental controls.
 Container disposal: Dispose of according to local environmental controls.
 General: Note that local regulations / controls governing the disposal of this material may be in force.

14. Transport information

ADR / RID: Not classified. IMDG: Not classified.

15. Regulatory information

Classification: Not classified Symbol: - R phrases: -
 S phrases: 2: Keep out of the reach of children; 24/25: Avoid contact with skin and eyes; 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. Other information

Meaning of R phrases mentioned under section 2: 22: Harmful if swallowed; 36/37/38: Irritating to eyes, respiratory system and skin.

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