

Revision nr.: Not Applicable

Date issued: 05-14-2007

Supersedes date: Not Applicable

**1. Identification of the substance/preparation and company**

Product name: Multi-Shine  
 Application: Glass 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, glycol ethers and synthetic detergents

Ingredients	CAS nr	Weight(%)	Classification	Risk phrases*
Propyleneglycolbutylether	5131-66-8	1 - 5	Xi	36
Propyleneglycolmonomethylether	107-98-2	1 - 5	-	10

\*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.  
 Ingestion: Get medical attention.

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.

**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: When vapour or gas concentration is high: wear gasmask; Hands / skin: - ; Eyes: Safety glasses; General:  
 Launder contaminated clothing before reuse.

**9. Physical and chemical properties**

Physical state: Liquid

PH: 10,3

Flash point: Not applicable

Solubility in water: Complete

Colour: Light blue

Boiling point / range: Not determined

Auto-flammability: Not applicable

Solubility in oil: No

Odour: Characteristic

Melting point / range: Not determined

Relative density: 1,00 g/cm<sup>3</sup>

Viscosity at 20 C: &lt;30 mPa.s

**10. Stability and reactivity**

Stability: Stable

Materials to avoid: Strong oxidising agents

Hazardous decomposition products: Not determined

**11. Toxicology information**

Oral LD50: &gt; 5g./kg (rats).

Skin: Not expected to impart hazardous properties

Inhalation: 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: 10: Flammable; 36: Irritating to eyes.

The information herein is based on data considered accurate, however no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. We assume no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.