

MATERIAL SAFETY DATA SHEET

Hydrosan Solvego HD

Phosphate free, medium duty, alkaline, solvent detergent



SANS 1344 ,1828

COMPANY DETAILS

Manufacture's Name: Columbus Cleaning Solutions (Pty) Ltd
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1. PRODUCT NAME:

Trade Name: Solvego HD
Product Code: SHD
Synonyms: Medium duty,alkaline, solvent detergent

2. COMPOSITION:

Hazardous components in concentrate form:
Ethylene glycol monobutyl ether CAS# 111-76-2 < 10%
Sodium hydroxide CAS# 1310-73-2 < 5%

R Phrases: 36

3. HAZARDS IDENTIFICATION:

Main hazard: Alkaline , could irritate eyes.
Flammability: Not flammable
Reproduction hazard: Nil

Health effects:

Eyes: Irritant, burns
Skin: Burns
Ingestion: Burns
Inhalation: N/A

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Carcinogenicity: Nil
 Mutagenicity: Nil
 Neurotoxicity: Nil

4. FIRST AID MEASURES:

First Aid Eyes: Irritant, burns. Flush eyes with water. Seek medical help.
 First Aid Skin: Wash with water. Seek medical help.
 First Aid Ingestion: Drink milk. Seek medical help.
 First Aid Inhalation: Remove to fresh air.

5. FIRE FIGHTING MEASURES:

Extinguishing Media: Water, spray or fog, CO2 powder
 Protective Clothing: Wear protective clothing
 Special Hazards: None

6. ACCIDENTAL RELEASE MEASURES:

Breathing apparatus for fire only: Ensure adequate ventilation.
 Environmental Precautions: Do not flush into sewer
 Small spills: Scrape up. Return to original container.
 Large spills: Clean as per Government regulations. Soak up with inert absorbent material (eg. Sand, silica gel, acid binder, sawdust)

7. HANDLING AND STORAGE:

Suitable Material: Plastic containers
 Handling Storage Precessions: Keep in a cool place. Keep lid closed.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Occupational Exposure Limits: Nil
 Engineering Control Measures: Not required
 Personal Protection: Wear protective clothing
 Other Protection: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, straw liquid.
 Odor: Light solvent
 pH: 0.9 - 1.04
 Boiling point: 100° C
 Melting point: Not determined
 Flash point: Not applicable
 Flammability: Nil
 Auto Flammability: Not determined
 Explosive Properties: Nil
 Oxidizing Properties: Nil
 Vapor pressure: As for water
 Specific Gravity: 1.01 - 1.02
 Solubility: Water: Completely
 Solubility: Solvent: Partial
 Neurotoxicity: Nil.

10. STABILITY AND REACTIVE

Chemical Stability:	Stable under normal conditions.
Incompatible Materials:	Acids
Hazardous decomposition products:	Nil.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not toxic.
Skin and eye contact:	Eye Irritant (R38)
Chronic Toxicity:	Nil
Carcinogenicity:	Nil
Mutagenicity:	Nil
Reproduction Hazard:	Nil

12. ECOLOGICAL INFORMATION

According to legal requirements for cleaning products , the surfactants have a biological biodegradability of at least 90%.

Aquatic Toxicity:	Fish:	Assumed non toxic
Aquatic Toxicity:	Daphnia:	Assumed non toxic
Aquatic Toxicity:	Algae:	Assumed non toxic
Biodegradability:	Yes	
Bio-accumulations:	Nil	

13. DISPOSAL CONSIDERATIONS

Disposal methods:	Dispose in accordance with local legislation
Disposal of packaging:	No special precautions

14. TRANSPORT INFORMATION

Product is not classified for any mode of transport.

15. REGULATORY INFORMATION

EEC hazard classification:	N/A
Risk Phases:	36 ,38
Safety Phases:	07, 26, 62
National Legislation:	N/A

16. OTHER INFORMATION

Disclaimer

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