

PRODUCT DATA AND HEALTH & SAFETY INFORMATION

Issue 1 Jan 1999

1 IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Product Name: **SUPER WATER REPELLENT**
Supplier: ChemBuild Ltd, Tarasay, Higher Blandford Road, Corfe Mullen,
Wimborne, Dorset, BH21 3JG
Tel: 01202 601701 Fax: 01202 604300

2 INFORMATION ON INGREDIENTS

Composition: A polyoxoaluminiumstearate complex dissolved in White Spirit.

Hazardous Ingredients	Conc.	CAS	Symbols	/	Risk Phrases
White Spirit	80%	64742-88-7	Xn,	/	R65
Isobutanol	6%	78-83-1	Xi		R10, 37/38, 41, 67

3 HAZARDS IDENTIFICATION

Main Hazards: Harmful, Xn. May cause lung damage if swallowed. Toxic to aquatic organisms. May cause long term harmful effects in the aquatic environment, N
Other Hazards: Irritant, Xi. Irritating to eyes and skin.
Inhalation: Liquid and vapour is irritant, may cause drowsiness, dizziness and ultimately unconsciousness.
Skin: Liquid is irritating to skin, may cause dermatitis.
Eyes contact: May cause irritation.
Ingestion: May cause lung damage if swallowed.

4 FIRST AID MEASURES & SYMPTOMS

Inhalation: Inhalation of vapour may cause dizziness, nausea and in concentrations exceeding OEL, narcosis. Remove to fresh air. If unconscious, place in recovery position. Seek medical attention.
Skin: There may be irritation at the site of contact. Wash with soap and water.
Eyes: May cause irritation. Flush out with clean water for 15 minutes. Seek medical attention if irritation persists.
Ingestion: May cause lung damage if swallowed. Do not induce vomiting. Seek medical attention.

5 FIRE FIGHTING MEASURES

Extinguishing media: Use carbon dioxide, dry chemical, foam, sand, or water fog. DO NOT use water jets.
Exposure hazards: Treat as problem fire. Keep containers cool by spraying with water.
Protection of Firefighters: Firefighters should wear self-contained breathing apparatus and suitable protective clothing.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Erect "No Smoking" and "No Naked flames" warnings.
Wear rubber/PVC gloves, safety goggles and in poorly ventilated areas face respirator suitable for White Spirit.
Environmental precautions: Create bund with spill control equipment. Prevent spills from entering drains, sewers or water courses.
Clean up methods: Material will solidify in contact with moisture creating a slipping hazard. Stem flow of spilled material and cover immediately with an inert absorbent material such as sand, sawdust, earth etc. Dispose of at an appropriate licensed waste disposal site in accordance with current legislation and regulations.

7 STORAGE AND HANDLING

Handling	Ensure good ventilation during use. Avoid ignition sources during handling and use. Avoid contact with eyes and skin. Wear protective clothing, gloves and eye protection in case of splashing during use. Adopt best manual handling considerations when handling, carrying and dispensing. Pump at no greater than 7 metres per second.
Storage:	Store in a cool, dry, well-ventilated area away from sources of ignition. Protect from frost. Keep original containers tightly closed. Avoid temperatures below +5°C. Keep out of reach of children.
Suitable packaging:	Must be kept in original packaging. Keep sealed until use.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Levels				
Ingredient	CAS No	OEL	LT Exp.	ST Exp.
White Spirit	64742-88-7	OES	100 ppm (8hrs)	150 ppm (10 mins)
Isobutanol	78-83-1	OES	50ppm (8hrs)	75 ppm (10 mins)
Engineering measures:	Ensure working area is adequately ventilated			
Respiratory protection:	If using in poorly ventilated area wear Respirator suitable for White Spirit.			
Hand protection:	Wear synthetic rubber/PVC gloves.			
Eye protection:	In case of splashing wear approved Safety goggles or face visor.			
Skin protection:	Wear protective overalls.			

9 PHYSICAL AND CHEMICAL PROPERTIES

State:	A resinous free flowing Liquid at temperatures above +10°C.		
Colour:	Colourless to Pale Olive.		
Odour:	Solvent odour.		
Solubility:	Insoluble in water. Soluble in White Spirit, Kerosene, Isobutanol and other petroleum solvents.		
Boiling Point:	150°C	Volatiles:	40% w/w
Specific Gravity:	0.90	Solubility in water:	Insoluble
Vapour Pressure (20°C):	5mb	Flash Point:	38°C
Auto Ignition Temp (°C)	230°C (White Spirit)	Flammability Limit:	lower 0.9%, upper 8.0%

10 STABILITY AND REACTIVITY

Stability:	Inflammable. Reacts with water and strong alkalis to produce a gelled mixture of aluminium hydroxide and aluminium hydroxystearate.
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11 TOXICOLOGICAL INFORMATION

Inhalation:	May cause dizziness and nausea and in conditions exceeding the OEL, narcosis.
Ingestion:	Harmful. May cause lung damage if ingested.
Skin contact:	Irritant
Eye contact:	Irritant

12 ECOLOGICAL INFORMATION

Eco toxicity:	Dangerous for the environment if discharged to water courses. Toxic to aquatic organisms. May cause long term harmful effects to the aquatic environment.
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13 DISPOSAL CONSIDERATIONS

This material must be disposed of via an Authorised Waste/Disposal Company in accordance with Local or National Waste Disposal Regulations.

14 TRANSPORT INFORMATION

ADR/RID	UN No.: 1300 Class : 3 Proper Shipping: Turpentine Substitute	Packing Group: III Hazard ID: 30.
IMDG	UN No. 1300 Class: 3	Packing Group: III Marine Pollutant
IATA	UN No. 1300 Class: 3 Packing Instruction (Cargo): 310 Packing Instruction (Passenger): 309	Packing Group: III Subsidiary Risk: - Maximum Qty: 210 litres Maximum Qty: 60 litres

15 REGULATORY INFORMATION

Risk phrases:	 
Safety phrases:	Xn – Harmful N – Dangerous for the environment. R36 – Irritating to eyes R65 – Harmful: May cause lung damage if swallowed. S62 – If swallowed, do not induce vomiting: seek medical help immediately and show this container or label.

16 OTHER INFORMATION

Text of risk phrases in Section 3:	R10 – Flammable. R37/38 – Irritating to the respiratory system and skin. R41 – Risk of serious damage to the eyes. R65 – Harmful: may cause lung damage if swallowed. R67 – Vapours may cause drowsiness and dizziness.
Further information:	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication. However, no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such materials used in combination with any other materials or in any other process.