

CENTURYWISE CW2 EXTERIOR WATER REPELLANT

1. IDENTIFICATION OF SUBSTANCE/ PREPARATION AND COMPANY

Product : CW2 Ext. Water Repellant

REVISION 4	AUG. 2008
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Company : Centurywise Ltd, Unit 2, HNG House, Stuart Road,
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Contents amongst other ingredients :-

<u>Substance</u>	<u>SIN no.</u>	<u>CAS no.</u>	<u>EINECS.</u>	<u>% w/w</u>
Aliphatic hydrocarbon	1790	7664-39-3	231-634-8	7 %
Aromatic hydrocarbon	1805	7664-38-2	231-633-2	14 %
Masonry silicone				

3. HAZARD IDENTIFICATION

PRINCIPAL HAZARDS : FLAMMABLE, IRRITANT

RISK PHRASES (R)	SAFETY PHRASES (S)
R 10 , Flammable	S1/ 2, Keep locked up & out of reach of children S23, Do not breath gas / fumes / vapour / spray. S16, Keep away from sources of ignition. No smoking. S24/25, Avoid contact with skin and eyes. S26, In case of contact with eyes, rinse immediately with plenty of water. S28, After contact with skin, wash immediately with plenty of water. S36/37/39, Wear suitable protective clothing, gloves, and eye/ face protection. S38, In case of insufficient ventilation, wear suitable respiratory equipment. S45, In case of an accident, or if you feel unwell, seek medical advice immediately.
C.O.S.H.H. - CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH	
Does product contain an EH 40 Regulated Substance ?	NO If yes continue.....

4. FIRST-AID MEASURES

a) STANDARD HSE GUIDANCE - IF NO DIPHOTERINE IS AVAILABLE

SKIN	Drench area with clean water for 10- 15 minutes. If irritation is apparent seek medical attention. Irritation/redness will result if slow to react. DO NOT DELAY.
EYES	Irrigate immediately with clean water for 10 – 15 minutes, holding eyelid open if necessary, and seek medical attention. Severe irritant effect could result if slow to react.

b) BEST METHOD - USING DIPHOTERINE

DIPHOTERINE IS AN EYE/ SKIN DECONTAMINATION SOLUTION FOR RAPID FIRST-AID TREATMENT OF CHEMICAL SPLASHES. DIPHOTERINE STOPS THE PENETRATION OF THE CHEMICAL PRODUCT.

SKIN	Do not wash affected area with water. Spray Diphoterine directly onto the area. Product works best if applied within sixty seconds of occurrence – Hence an aerosol needs to be carried by the operator. Diphoterine will purge the harmful content from the affected area, and leave neutralized. Wash away residues. If irritation should persist, seek medical attention.
EYES	Do not wash eye with water. Irrigate immediately (within 60 seconds of occurrence) with Diphoterine spray. Wash away the residues. If irritation persists, seek medical attention.

USE OF THIS PRODUCT REQUIRES TRAINING.
TO PURCHASE PRODUCT & TO ENQUIRE ABOUT TRAINING COURSES CONTACT....
KAYS MEDICAL (LIVERPOOL) – TEL : 0151 482 2830 , FAX : 0151 207 3384

c) INGESTION	Wash mouth with plenty of clean water. Drink water or milk to dilute hazard, and seek IMMEDIATE MEDICAL ATTENTION showing this data sheet. DO NOT INDUCE vomiting due to risk of aspiration of acid vapours.
d) INHALATION	Remove to fresh air and keep warm. Seek medical attention if symptoms persist.
MEDICAL ADVICE	CW1 should not be allowed to come into contact with skin, eyes , or clothing. If so, REACT QUICKLY to address the hazard.

5. FIRE FIGHTING MEASURES

This product is flammable.

Extinguishing media : Carbon dioxide, dry chemical powder, alcohol resistant foam or water fog. Do not use water jets.

Special exposure hazards : May liberate toxic fumes (oxides of carbon) in a fire. Explosive limits in air 0.6 - 8% v/v. Vapours are heavier than air and will collect in work-pits and cellars creating a fire and respiratory problem

Special precautions : Wear full suit protection and breathing apparatus. Stay upwind. Evacuate personnel away from the fumes. Use suitable extinguishers. Cool down the containers/equipment exposed to heat with a water spray. Do not breath fumes

Hazardous decomposition products : Very corrosive gases/ vapours/ fumes .

6. ACCIDENTAL RELEASE MEASURES

Safety precautions : Wear appropriate personal protective gear (see section 8)
If spillage occurs on the public highway, indicate the danger, and notify the police/ fire brigade if the spillage is over 5 litres. Do not attempt to take action without suitable protective equipment
Do not approach from downwind.
Do not breath fumes, do not smoke.

Environmental procedures : Prevent entry into drains.
Clean-up procedure : Stop leak, if possible without risk. Do not touch spilled material. Neutralize with alkaline material...(lime, crushed limestone, sodium bicarbonate, or soda ash). Flush area with water. Provid ventilation and confine spill.

7. HANDLING & STORAGE

Handle in accordance with CHIP/ COSHH requirements ; Refer to Sections 3 (Hazards Identification) and 8 (Exposure Controls/ Personal Protection).

Keep container tightly closed, in a well ventilated area at ambient temperatures. May attack some plastic and rubber coatings. Will attack glass and most ceramics.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Wear full face visor.
Wear protective chemical proof suit, gloves, and boots if danger of splashing.
Wear appropriate respiratory protection if poor ventilation or high concentrates (i.e. spillage) .
Avoid breathing mist or spray.

PROTECTIVE EQUIPMENT :



COLLECTIVE EMERGENCY EQUIPMENT - Have 25 litres of clean water available, along with first-aid box containing minimum two containers of Diphoterine First-aid spray, and eye bath.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance..... Clear, pale liquid
Odour..... Solvent (kerosene)
Specific gravity..... 0.87g/cc@ 25* C
Flash point..... 38 deg. C
Solubility..... insoluble

10. STABILITY & REACTIVITY

STABILITY – Avoid heat, sparks, flames, contact with combustibles.

MATERIALS TO AVOID - Reacts violently with strong acids, alkalis and oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS - In combustion, emits toxic fumes.

11. TOXICOLOGICAL PROPERTIES

MEDICAL SYMPTOMS - Causes moderate irritation to the skin. Liquid and vapour cause mild irritation to eyes. Ingestion of large amounts may have toxic effects.

Single exposure to vapours is not likely to be hazardous. Excessive exposure may have anaesthetic or narcotic effects.

Excessive exposure may cause irritation to upper respiratory tract. Liquid has a degreasing action on the skin and may produce a dry, scaly and fissured dermatitis. May cause chemical pneumonitis after inhalation of significant quantities of vapour or aspired mists.

12. ECOLOGICAL INFORMATION

DEGRADABILITY - The aliphatic and aromatic components are inherently biodegradable.

AQUATIC TOXICITY - High concentrations in receiving waters would be harmful to marine organisms

MOBILITY - Readily absorbed into soil. Insoluble in water.

13. DISPOSAL INFORMATION

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991, but is classified as special waste under the Control of Substances (Special Waste) Regulations 1996.

Under 'DUTY OF CARE' the disposal of unwanted stocks should be conducted in a safe and proper manner by authorised and consented methods.

Do not allow into drains or water courses, or dispose of where ground for surface waters may be affected.

Wastes, including empty containers, should be disposed of in accordance with regulations made under the Control of Pollution Act 1974, and the Environmental Protection Act 1990.

14. TRANSPORT INFORMATION

EEC Regulation - F, Flammable, UN1993
IMDG/UN - Flammable liquid, N.O.S., Class 3, PG 111
RID/ADR - Class 3 , Hazard I.D. no. 30



LABEL FOR CONVEYANCE -

15. REGULATORY INFORMATION



LABEL FOR SUPPLY : -

The Health and Safety information on the label as required by Regulation 9 of C.H.I.P. is quoted under Section 3 – Hazard Identification.

The relevant OES/ MEL (if applicable) as required by C.O.S.H.H. Regulations is stated in Section 3.

EC Directives –

Dangerous Substances Directive – 67/548/ EEC and adaptations.

Dangerous Preparations Directive – 88/379/ EEC

Safety Data Sheets Directive – 91/155/ EEC

U.K. Regulations –

Control of Pollution Act 1974

Control of Pollution (Special Wastes) Regulations 1980 SI 1709

The Control of Substances Hazardous to Health Regulations 2002 (as amended)

Dangerous Substances (Notification and Marking of Sites) Regulations 1990 SI 304

Environmental Protection Act 1990 (as amended)

Environmental Protection (Duty of Care) Regulations 1991 SI 2839 (as amended)

Carriage of Dangerous Goods and use of Transportable Pressure Equipment Regulations 2004

16. OTHER INFORMATION

Data source..... Centurywise Ltd

Use product only as directed.

Information compiled in accordance with Chemicals (Hazard Information and Packaging for Supply) Regulations (Chip 3) 2002 as amended , the Control of Substances Hazardous to Health Regulations (COSHH) 2002 (SI 1999/437) as amended, and the Management of Health & Safety at Work Regulations 1999, as amended.

DISCLAIMER :

THE ABOVE INFORMATION IS PROVIDED FOR HEALTH AND SAFETY PURPOSES ONLY, AND DOES NOT IMPLY ANY CHEMICAL SPECIFICATION. THE DATA HAS BEEN COMPILED FROM SOURCES CONSIDERED ACCURATE. THE USER SHOULD SATISFY HIMSELF THAT THE PRODUCT IS ENTIRELY SUITABLE AND SAFE FOR HIS OWN PARTICULAR PURPOSES. IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE BEST PRECAUTIONS NECESSARY FOR THE SAFE HANDLING AND USE OF THIS PRODUCT FOR HIS UNIQUE APPLICATION. THIS DATA SHOULD NOT BE CONSTRUED AS ABSOLUTELY COMPLETE, SINCE ADDITIONAL DATA MAY BE DESIRABLE WHEN PARTICULAR CONDITIONS OR CIRCUMSTANCES EXIST.

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