

CENTURYWISE CW5 LIMESTONE CLNR. & HEAVY DUTY DEGREASER

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product : CW5 Limestone Clnr & HDD

REVISION 5	AUG. 2008
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Company : Centurywise Ltd, Unit 2, HNG House, Stuart Road, Bredbury, Stockport, Greater Manchester, SK6 2SR.

Tel : 0161 - 494 6801 **Fax :** 0870 123 1542

2. COMPOSITION/INFORMATION ON INGREDIENTS

Contents amongst other ingredients :-

<u>Substance</u>	<u>UN no.</u>	<u>EC no.</u>	<u>CAS no.</u>	<u>EINECS</u>	<u>% w/w</u>
Sodium Hydroxide	1824	215-185-5	1310-73-2	011-002-00-6	less than 25 %
Sodium Gluconate			527-73-2		less than 5 %
Amphoteric Surfactant					less than 1 %

3. HAZARD IDENTIFICATION

PRINCIPAL HAZARD : CORROSIVE
Strongly alkaline solution – May cause serious burns

R 35		S1/ 2, Keep locked up & out of reach of children S26, Avoid contact with skin and eyes. S36/37/39, Wear suitable protective clothing, gloves, and eye/ face protection. . 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 ?		YES	If yes continue.....
DOES THE EH 40 SUBSTANCE HAVE AN OCCUPATIONAL EXPOSURE STANDARD ? YES			
DOES THE EH 40 SUBSTANCE HAVE A MAXIMUM EXPOSURE LIMIT ? NO			
EH 40 LISTED COMPONENT		L.T.E.L.	S.T.E.L.
Sodium Hydroxide (OES)			2 mg/cu.mtr 15 min TWA

4. FIRST-AID MEASURES

a) STANDARD HSE GUIDANCE - <i>IF NO DIPHOTERINE IS AVAILABLE</i>	
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 vapours.
d) INHALATION	Remove to fresh air and keep warm. Seek medical attention if symptoms persist.
MEDICAL ADVICE	CW5 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

Product is not flammable.

Extinguishing media : Foam, dry powder, or carbon dioxide.

Special exposure hazards : Toxic fumes may be evolved if product is involved in a fire.

Special precautions : Wear full suit protection and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Safety precautions :** Wear appropriate personal protective gear (see section 8)
- Environmental procedures :** Prevent entry into drains.
- Clean-up procedure :** Contain in confined area using sand, earth, or suitable material. Label clearly, and dispose of in accordance with local authority procedures. *See Section 13.*

7. HANDLING & STORAGE

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

Store in a well ventilated area at ambient temperatures.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Wear full face visor.
 Wear protective chemical proof suit 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..... opaque white viscous liquid
 Odour..... barely perceptible odour
 Specific gravity approx 1.24 @ 20deg. C
 pH neat..... 14
 Solubility..... Soluble in water

10. STABILITY & REACTIVITY

- Stability**Stable at ambient temperatures.
- Conditions to avoid** Avoid exposure to direct heat, naked flames , etc.
- Hazardous decomposition products** May liberate toxic fumes of Sodium Oxide
- Materials to avoid**..... Metals, strong acids, aluminium, zinc, light alloys

11. TOXICOLOGICAL PROPERTIES

Eye contact . will cause severe burns

Skin contact may cause burns.

Ingestion : Harmful if swallowed.

12. ECOLOGICAL INFORMATION

DEGRADABILITY - When diluted the organic ingredients are completely biodegradable. Residues when washed into soil are readily neutralised. The product presents little ecological hazard when used as recommended, due to the great amounts of rinse water used.

PLANTS/ VEGETATION - Completely soaking area of vegetation with water prior to, and immediately after applying product to stone/brickwork should prevent permanent damage to plants. In some cases where specimen or fragile plants are in proximity it is good practise to cover with plastic sheeting and form a sand or soil containment barrier

When used as a paint remover, problems may arise from the nature of the paint debris, which may contain lead and other metals which are not acceptable in waste water drains. Contain paint debris by using a layer of sand/earth around the work area. Upon completion of work , dispose of debris in an approved manner following local authority rules.

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

Shipping name -	Corrosive Liquid Organic NOS (contains Caustic Alkalies)
Class -	8
UN number -	UN 1824
IMDG -	Class 8
Packing Group -	11



Label for conveyance - **Corrosive :-**

15. REGULATORY INFORMATION



LABEL FOR SUPPLY : - **Corrosive**

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 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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