

CENTURYWISE CW21 ECO-STRIPPER

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product : CW21 Eco-stripper (Enviro-friendly paint remover)

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

Ingredients are either unclassified or below the concentration requiring declaration under the CHIPS 2 regulations.

Main ingredient - water.

Others - surfactant(s), additive(s)

3. HAZARD IDENTIFICATION

This product is not considered to represent any significant toxicological hazard to human health when used as directed.

4. FIRST AID MEASURES

Eyes..... Wash with flowing water

Skin..... Wash with soap and water

Ingestion..... Rinse mouth with water immediately

5. FIRE FIGHTING MEASURES

This product is non-flammable as supplied. If involved in fire, use extinguishing media appropriate to the fire concerned.

6. ACCIDENTAL RELEASE MEASURES

Spillages can be cleaned up with absorbent material.

7. HANDLING AND STORAGE

No special storage conditions, other than to keep away from heat and temperatures below freezing.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Protective gloves recommended for prolonged use.

Remove contaminated clothing.

9. PHYSICAL & CHEMICAL PROPERTIES

Form..... Thickened emulsion

Colour..... White

Odour..... Slight almond odour

Melting point..... < -10 deg. C

Boiling point..... 101 deg. C

pH value..... Neutral

10. STABILITY & REACTIVITY

Under normal conditions of storage and use, this product will be stable.
No hazardous decomposition produced when stored and handled correctly.
No hazardous reaction when used as directed.

11. TOXICOLOGICAL INFORMATION

All materials are readily biodegradable

13. DISPOSAL CONSIDERATIONS

Consideration should be given to the amount of paint residues in the effluent as these may require special treatment.
Disposal of this product, and any by-products, should at all times comply with the requirements of the Environment Protection Act and its subsidiary regulations and any regional Local Authority requirements.

14. TRANSPORT INFORMATION

ROAD	No transport warning sign required.
SEA	Not a marine pollutant

15. REGULATORY INFORMATION

LABEL FOR SUPPLY	Unclassified
RISK PHRASES	Unclassified
SAFETY PHRASES	Unclassified
ENVIROMENTAL	Unclassified

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 :

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Date of Preparation : August 2006

CW 21 ECO-STRIPPER

HEALTH, SAFETY AND THE ENVIROMENT

Conventional paint strippers : a dangerous and hazardous problem -

Conventional paint stripping products are either solvent or caustic based. They contain either Methylene Chloride (dichloromethane) , or sodium hydroxide (caustic soda) ,or n-Methyl-Pyrrolidone , or Dimethyl Sulphoxide, or Benzyl Alcohol. These dangerous chemicals can also be found in supposedly " safe " paint strippers

When reading this information, please bear in mind that CW 21 Eco-stripper has been granted a CE mark for safety !

Methylene Chloride - In most cases ,the main ingredient in paint strippers and coatings removal products is Methylene Chloride, also known as dichloromethane. This material is associated with health problems and is listed as a class III carcinogen in the European Union.

Caustics - While more enviromentally friendly than solvent based products, caustic-based strippers are hazardous to the user. Furthermore some contain other ingredients, including in some cases ,

hazardous solvents. Caustics are corrosive and can cause severe burns to skin and eyes, even on short contact, and are highly toxic if swallowed.

Summary - The following table shows the main ingredients found in paint strippers.

<u>NAME</u>	<u>MAIN HEALTH & OTHER RISKS</u>	<u>VOC CONTENT</u>
CW 21 water based Eco- stripper	None known, has a CE mark for safety as a childrens' toy.	Virtually zero
-	-	-
Methylene Chloride	Class III carcinogen. Evaporates quickly and is easily inhaled. Readily absorbed through the skin. May cause burns to the skin. Harmful if swallowed. Contact with eyes may cause severe burns.	Very High
-	-	-
Dimethyl Sulphoxide	Freely penetrates the skin and breaks down cell membranes. Toxic if swallowed. Skin,eye, respiratory irritant.	Very High
-	-	-
Caustic Alkalis other blend	Can cause severe burns to the skin and eyes on short contact. Highly toxic if swallowed.	Depends on ingredients in
-	-	-
Benzyl Alcohol	Highly volatile. Can cause problems with the central nervous system, headache, nausea, vomiting, dizziness, drop in blood pressure, depression, and death in severe cases due to respiratory failure.	Very High
-	-	-

Flame ionisation detection tests done by an independent laboratory have confirmed that CW21 eco-stripper contains 0.000004 % VOC's , whereas "conventional" solvent based strippers can have 70% or more VOC content - thousands of times more !!!