

Reference Number : 001
 Revision Date : 01/03/92003
 Revision Number : 1
 Material / Trade Name : Marclear High Strength Antifouling HSE NO: 5264

1 - Substance Identification (Synonym :)

Material / Trade Name : :Marclear High Strength Antifouling HSE NO: 5264
 Material Type : Antifouling Paint
 Company : Marclear International.
 Address : Apartado De Correos 183
 : 07150Andraitx
 : Mallorca, Baleares
 : Spain
 Telephone : (00 34) 971 137781
 Fax : (00 34) 971 235995
 Emergency Telephone : (00 34) 609 231654

2 - Composition

Substance	% Wt.	Cas Number	Eec Number
Cuprous Oxide	40-45	1317-39-1	215-270-7
Hydrocarbon Solvent	20-25		

3 - Hazard Identification

a) Hazard Symbols:



b)Regulatory Information

Classification: Harmful-flammable
Risk Phrases: R10: Flammable
 R20/21/22 Harmful if swallowed, by inhalation and in contact with Skin
 R38: Irritating to the skin.
Safety phrases: S2: Keep out of reach of children
 S25: Avoid contact with eyes.

4 - First-aid Measures

a) - Inhalation :
 Remove To Fresh Air and Rest
 If Recovery Is Not Rapid Obtain Prompt Medical Attention
 b) - Eyes :
 Irrigate With Water For At Least 15 Minutes
 If Irritation Persists Then Consult A Doctor
 c) - Skin :
 Remove Contaminated Clothing
 Wash With Soap/Cleanser And Rinse With Plenty Of Water
 IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION
 d) - Ingestion :
 Do Not Induce Vomiting
 Give Plenty Of Water To Drink
 Beware Of Aspiration If Vomiting Occurs
 Seek Medical Attention Immediately

5 – Fire Fighting Measures

Exposure hazards: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
 Material is flammable.
 Suitable extinguisher: Extinguish with carbon dioxide, dry chemical, vaporising liquid or waterspray.

6 – Accidental Release Measures

Personal protection: Complete eye and face protection and gloves.
 Leaks & spills: Contain with earth or sand. Transfer to a closable salvage container for disposal be an appropriate method or retain for recovery
 Clean-up procedures: Transfer to sealed containers for disposal by approved methods

7 – Exposure control/Personal Protection

Personal protection:	Complete eye and face protection and gloves.
Exposure limits:	100ppm (435mg/m ³) – TWA; 150ppm (650) – 15 mins
Type:	ORL-RAT-LD50
Toxicity:	4300mg/kg

8 – Physical and Chemical Properties

Appearance and odour:	Thixotropic liquid with characteristic odour.
Solubility:	Insoluble in water.
Boiling point/range°C:	138 - 142
Melting point/range°C:	-95
Explosive limits:Lower:	1
Upper:	7
Flash point °C:	24
Vapour pressure:	6.2mm 20°C
Relative density:	1.2

9 – Stability and Re-activity

Stability:	Stable
Avoid contact with:	Can react with oxidising materials. Nitration should be carefully controlled.

10 – Toxicological Information

Health effects skin:	Harmful if absorbed through the skin. The liquid irritates the skin and can cause dermatitis.
Eyes:	The vapour and liquid is irritating to the eyes.
Inhalation: upper laryngitis, Ingestion:	Harmful if inhaled. High concentrations are destructive to tissues of the mucous membranes and respiratory tract. Symptoms of exposure may include burning sensation, coughing, wheezing, and shortness of breath, headache, nausea and vomiting. Harmful if swallowed. Ingestion may cause nausea and vomiting

11 – Ecological Effects

Toxicity: to	Slightly toxic to freshwater fish and organisms. Moderately toxic to marine fish and organisms. Slightly toxic mammalian wildlife.
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12 – Disposal considerations

Waste disposal: accordance with Act.	Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in regulations made under the Control of Pollution Act and the environmental Protection Act.
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13 – Transportation Information

IMDG code

UN no:	1263
Packing group:	III
Class:	3.3

ADR/RID

Subst.ID no:	1263
Class+Item no:	3,31

IATA/ICAO

Un no:	1263
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14 – Additional Information

Legal disclaimer:	The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide.MARCLEAR INTERNATIONAL or their DISTRIBUTORS shall not be held liable for any damage resulting from handling or from contact with the above product.
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