

SAFETY DATA SHEET

ALGAE FREE\HD

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: ALGAE FREE\HD

PART No.: ALGAEFREE\HD

EMERGENCY TELEPHONES: 01908-265889

MANUFACTURER: Hydra International Ltd
Cerberian House
Carters Lane
Kiln Farm, Milton Keynes MK11 3ER, U.K.

TELEPHONE: +44 (0) 1908-265889

FAX: +44 (0) 1908-262097

2. COMPOSITION/INFORMATION ON INGREDIENTS:

| INGREDIENT NAME: | EINECS | CAS No.: | CONTENT | SYMBOL | RISK: |
|-----------------------------------|--------|----------|---------|--------|-------------------------|
| () BIC-04 Inorganic Compound 2612 | | | 5-10 % | Xn,N | 21/22, 37/38, 41, 50/53 |
| () BIC-01 Inorganic Compound 9748 | | | 1-5 % | C | 20/21/22, 34, 43 |

The full text for all R-phrases are shown in section 16

3. HAZARDS IDENTIFICATION:

Irritating to eyes and skin.

4. FIRST AID MEASURES:

GENERAL: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION: Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION: Remove victim immediately from source of exposure. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. Get medical attention. Provide rest, warmth and fresh air.

SKIN: Remove affected person from source of contamination. Remove contaminated clothing. Rinse the skin immediately with lots of water. Get medical attention if irritation persists after washing.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: This material is not flammable. Use extinguishing media appropriate for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Flush with

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS:

Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT:



VENTILATION: No particular ventilation requirements.

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES:

Use protective gloves made of: Butyl rubber. Rubber (natural, latex). Neoprene. Nitrile. Polyethylene. Polyvinyl chloride (PVC). P.T.F.E (Teflon). Viton rubber (fluor rubber). or Polyethylene/Ethylene Vinyl Alcohol (PE/EVAL).

EYE PROTECTION:

Use approved safety goggles or face shield.

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENIC WORK PRACTICES:

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:

Liquid.

COLOUR:

Yellow.

ODOUR/TASTE:

Slight.

10. STABILITY AND REACTIVITY:

STABILITY: Normally stable.

CONDITIONS TO AVOID:

Not relevant.

HAZARDOUS DECOMP. PRODUCTS:

No specific hazardous decomposition products noted.

11. TOXICOLOGICAL INFORMATION:

INHALATION: May cause irritation to the respiratory system.

INGESTION: May cause discomfort if swallowed. Burning sensation in mouth. May cause stomach pain or vomiting.

SKIN: Irritating to skin.

EYES: Irritating to eyes. Irritation, burning, lacrimation, blurred vision after liquid splash.

HEALTH WARNINGS:**12. ECOLOGICAL INFORMATION:****ECOLOGICAL INFORMATION:**

Not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS:**DISPOSAL METHODS:**

Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:**ROAD TRANSPORT:**

UN No. ROAD: 0

ADR CLASS No.: Not classified for transportation.

15. REGULATORY INFORMATION:**LABEL FOR SUPPLY:****RISK PHRASES:**

R-36/38 Irritating to eyes and skin.

SAFETY PHRASES:

S-2 Keep out of reach of children.

S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S-37 Wear suitable gloves.

S-24/25 Avoid contact with skin and eyes.

ENVIRONMENTAL LISTING:

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES:

System of specific information relating to Dangerous Preparations. 91\155. Dangerous Preparations Directive 88\379.

STATUTORY INSTRUMENTS:

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE:**GUIDANCE NOTES:**

Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.
CHIP for everyone HSG(108).

16. OTHER INFORMATION:**INFORMATION SOURCES:**

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION COMMENTS:

This issue supercedes all previous versions.

ISSUED BY:

Dr. B. Jones

REVISION DATE:

28/08/2002

REV. No./REPL. SDS GENERATED:

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R-PHRASES (Full Text)

R-34 Causes burns.
R-41 Risk of serious damage to eyes.
R-43 May cause sensitisation by skin contact.
R-20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R-21/22 Harmful in contact with skin and if swallowed.
R-37/38 Irritating to respiratory system and skin.
R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY DATA SHEET STATUS:

Approved.

DATE:

20/11/2002

SIGNATURE: Valid until 20/11/2005