

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION

Product Name: **HDC**

Company Identification: Vertida Chemicals india Pvt Ltd
4-176 c, Amba Road, Kidiyoor Village
Udupi Tq Dist,karnataka - 576 103

Product code: HDC

Application: Heavy Duty Degreaser Concentrate

Emergency Telephone: +91 9535467476

SECTION 2. HAZARDS IDENTIFICATION

RISK PHRASES: R36 irritating to eyes, R38 irritating to skin, R41 Risk of serious damage to eyes

ENVIRONMENTAL RISK PHRASE & SAFETY PHRASES: Refer section 15

SECTION 3. COMPOSITION AND INGREDIENTS

Mixture in water of Non dangerous ingredients and substances listed below.

NAME	CAS NO	CONTENT
Amine oxide blend	Proprietary	5 - 10%
Fatty acid Di ethanolamide blend	Proprietary	5-7%
Xylene sulfonic acid sodium salt	1300-72-7	< 5%
Complexing & buffering agents	Mixture	< 1%

SECTION 4. FIRST AID MEASURES

INHALATION: Remove to fresh air, if breathing difficulties are experienced, seek medical attention.

INGESTION: Do not induce vomiting! Drink a few glasses of water or milk. Get medical attention.

SKIN CONTACT: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT: 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.

NOTE TO PHYSICIAN : Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS: None Known

PROTECTIVE MEASURES IN FIRE: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS: Spillages or uncontrolled discharges into water courses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS: Small quantities collect with mop and wash with detergent and water

Major spills contain spill, collect spill with suitable super absorbent material like vermiculite, shovel material into a clean, dry appropriate labelled container and close lid tightly. Do not allow product to enter water ways.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep container tightly closed, store in a cool ventilated place.

Other Recommendations: Wash thoroughly after use.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Standards: Not determined.

Biological Limit Values: No biological limit allocated

Personal Protective Equipment: Respiratory Protection: Wear appropriate respirator when ventilation is inadequate.

Hand Protection: Use solvent resistant gloves. Nitrile, pvc or neoprene.

Eye Protection: Wear safety goggles.

Protective Clothing: No special protection is ordinarily required beyond standard issue work clothes.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point: Not Applicable; Physical State: Slightly thick cleared liquid; Boiling Point: Not applicable; PH: 8.0 – 9.0; Solubility in Water: completely Soluble; Flashpoint: Not Applicable; Specific Gravity: ND

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions; **DANGEROUS REACTIONS:** Not Known.

DECOMPOSITION PRODUCTS: Products may include oxides of carbon, nitrogen, chlorine, may also emit ammonia; **CONDITIONS TO AVOID:** None

SECTION 11. TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY: The toxicity of this product has not been determined

COMPONENT TOXICITY: The hazard identifications in section 2 were derived from the known effects of individual ingredients

OTHER HEALTH EFFECTS: Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract.

SECTION 12. ECOLOGICAL INFORMATION

Eco toxicity: Avoid contaminating waterways

Toxicity of the Products of Biodegradation: The product will degrade to substances which are likely to be of low environmental impact when used as directed.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Product should be treated according to sections 6,7 and 8 above
Dispose of according to Local, State and Federal regulations. Contact relevant authority for details.

SECTION 14. TRANSPORT INFORMATION

UN Number: NR

Proper Shipping Name: NA

Class: NR

Subsidiary Risk: None allocated

Packing Group: NR

Hazchem Code: NA

Special Precautions

for User: None

SECTION 15. ADDITIONAL REGULATORY INFORMATION

REGULATORY STATUS: Not regulated

RISK PHRASES: R36/38 Irritating to eyes and skin, R41 Risk of serious damage to eyes.

SAFETY PHRASES: S2 Keep out of the reach of children, S24/ 25 Avoid contact with skin and eyes, S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S46 If swallowed, seek medical advice immediately and show this container or label, S37 wear suitable gloves, S50A Do not mix with other chemicals especially chlorine releasing bleaches as toxic gas will be evolved.

SECTION 16. OTHER INFORMATION

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the company's knowledge.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. The company assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.