

DEGASER TABLETS

* MATERIAL SAFETY DATA SHEET *

This note describes the Material Safety Data Sheet of the fully chlorinated solid compound DEGASER (HEXACHLOROETHANE).

PRODUCT IDENTIFICATION

Product Name : Degaser (Hexachloroethane)
Chemical Family : Chlorinated Hydrocarbon
Chemical Name : Degaser (Hexachloroethane)
Synonyms : Carbon Hexachloride, Perchloroethane
CAS Number : 67-72-1
Chemical Formula : C₂ Cl₆

COMPANY IDENTIFICATION

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COMPOSITION & INFORMATION ON INGREDIENTS

Ingredients Name : Degaser (Hexachloroethane)
CAS Number : 67-72-1
% Percent : 100%
Exposure Limit : OSHA : 1 ppm (skin)
ACGIH : 1 ppm (skin)

HAZARDS IDENTIFICATION

Acute Health Effects : Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane. Irritation to the eyes will cause watering and redness. Reddening, scaling, and itching are characteristics of skin inflammation. Follow safe industrial hygiene practices and always wear protective equipment when handling this compound.

Chronic Health Effects: This product has no known chronic effects. Repeated or prolonged exposure to this compound is not known to aggravate medical conditions.

Carcinogenicity: This product is not listed by NTP, IARC or regulated as a Carcinogen by OSHA.

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FIRST AID MEASURES

First Aid For Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

First Aid For Skin: In case of contact, flush skin with water. Wash clothing before reuse. Call a physician if irritation occurs.

First Aid For Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

First Aid For Ingestion: If swallowed, call a physician immediately.

FIRE & EXPLOSION DATA

Flamability:	Non-Flamable	Auto-Ignition:	Not Applicable
Flash Point:	Not Applicable	Flamable Limits:	Not Applicable
Extinguishing Media:	Water – Spray, CO ₂ Dry Chemical Powder or Appropriate Foam.		
Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.		
Fire/explosion Hazards:	Emits toxic fumes under fire conditions		

ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures : Utilize recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water. Collect wash water for approved disposal. Keep from entering water or ground water.

Waste Disposal Method : Waste disposal should be in accordance with existing federal, state and local environmental regulations.

HANDLING & STORAGE

Storage Temperatures : Ambient Shelf Life: Unlimited in tightly closed container.

Special Sensitivity : None

Handling/Storage Precautions : Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight, heat and incompatible materials. Reseal containers immediately after use. Store away from food and beverages.

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EXPOSURE CONTROLS/ PERSONAL PROTECTION

- Eye Protection : Safety glasses or goggles.
- Skin Protection : PVC gloves with impervious boots, apron or coveralls.
Employees should wash their hands and face before eating, drinking or using tobacco products.
- Respirator : Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator must be worn.
- Ventilation : Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.
- Additional Protective Measures : Emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of hazardous chemicals

PHYSICAL & CHEMICAL PROPERTIES

- Physical Form : Solid Color: White
- Odor : Camphor like odor
- Molecular Weight : 236.74
- Boiling Point : Triple point 186.8°C
- Melting/freezing Point : Triple point 186.8°C
- Solubility In Water : Insoluble
- Specific Gravity : 2.091

STABILITY & REACTIVITY

Stability:	Stable under ordinary conditions of use and storage.
Hazardous Polymerization:	Will Not occur
Incompatibilities:	Strong Oxidizing Agents & Strong Bases
Instable Conditions:	Excessive temperatures (see Incompatibilities).
Decomposition Temperature:	Sublimes above 186.8°C
Decomposition Products:	CO, CO ₂ Hydrogen Chloride Gas

TOXICOLOGICAL INFORMATION

RTECS Number:	KI4025000
Routes of Exposure:	Eye contact. Ingestion. Inhalation. Skin contact.
Toxicity Data:	ORL-RAT LD50: 4460 mg/kg
Chronic Toxic Effects:	CARCINOGEN, Damage To The Liver. May Cause Nervous System Disturbances.
Acute Toxic Effects:	Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane. Irritation to the eyes will cause watering and redness. Reddening, scaling, and itching are characteristics of skin inflammation. Follow safe industrial hygiene practices and always wear protective equipment when handling this compound.

ECOLOGICAL INFORMATION

Ecotoxicity : Not available at this time.

SPILL, LEAK & DISPOSAL CONSIDERATIONS

Spill Or Leak Procedures : Utilize recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water. Collect wash water for approved disposal. Keep from entering water or ground water.

Waste Disposal Method : Waste disposal should be in accordance with existing federal, state and local environmental regulations.

TRANSPORT INFORMATION

Proper Shipping Name:	Toxic Solid,Organic, n.o.s.(Hexachloroethane)	
UN Number:	2811	
P.G.:	III	DOT Label:

REGULATORY INFORMATION

OSHA Status:	This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
TSCA Chemical Inventory:	This compound is on the EPA Toxic Substance Control Act (TSCA) inventory List
California Proposition 65	To the best of our knowledge, this product contains no levels of listed substances, which the state of California has found to cause cancer, birth defects or other reproductive effects.

SARA Title III:	Section 302 Extremely Hazardous Substances:	None
	Section 311/312 Hazard Categories:	None
	Section 313 Toxic Chemicals:	None

OTHER INFORMATION

The information herein contained relates only to the specific material identified. Scottish Chemical Industries (INDIA) believes that the information is exact and reliable on the date of issue of this safety data sheet, but is not responsible for, and does not guarantee, expressly or implicitly, that the information is exact, true or comprehensive. This information may not be construed as a warranty in the legal sense, whereby Scottish Chemical Industries, assumes no legal liability. It should be noted that the typical properties mentioned in this "Safety Data Sheet" are provided for the purposes of information only and do not constitute any type of specification. The receivers of our product must observe, under their own liability, the corresponding rules and regulations and standards.
