

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

DEOMITE

PRODUCT CODE: #071

CHEMICAL FORMULATION: SULFURIC ACID NON-FUMING DRAIN OPENER

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 2

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	OSHA PEL	ACGIH TLV	Other Limits	
			Recommended	% optional
SULPHURIC ACID (7664-93-9)		Img/M ³		93
SULPHURIC ACID CAUSES SEVERE BURNS - CONSULT MANUFACTURING CHEMISTS				
ASSOCIATION CHEMICAL SAFETY DATA SHEET SD-20				
RUST INHIBITOR: ARMOHID 31				<1
WATER				<7

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f):	MELTING POINT: N/A
VAPOR PRESSURE (mm Hg): 0.01	SPECIFIC GRAVITY (WATER = 1): 1.835
VAPOR DENSITY (AIR = 1): N/A	VOC CONTENT (% by weight): N/A
SOLUBILITY IN WATER: COMPLETE	EVAPORATION RATE (Water = 1): N/A
APPEARANCE AND ODOR: LIQUID, RED COLOR	pH: N/A

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): N/A

(TEST METHOD):

FLAMMABLE LIMITS: N/A

UPPER: N/A

LOWER: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTING PERSONNEL SHOULD WEAR SELF CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN PRESSURE DEMAND. ALSO WEAR FULL BODY PROTECTION CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARD: HYDROGEN IS GENERATED BY THE ACTION OF ACID ON MOST METALS

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V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: AVOID CONTACT WITH STRONG ALKALINES AND COMBUSTIBLE MATERIAL. HYDROGEN IS GENERATED BY THE ACTION OF ACID ON MOST METALS.
CONDITIONS TO AVOID:
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE

VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY **INHALATION:** **SKIN:** **INGESTION:**
CARCINOGENICITY: **NTP?** **IARC MONOGRAPHS?** **OSHA REGULATED?**

EFFECTS OF OVEREXPOSURE

IF IN EYES:
IF ON SKIN: PRODUCES RAPID DESTRUCTION OF TISSUES AND SEVERE BURNS ON CONTACT WITH BODY TISSUES OF ANY KIND.
IF SWALLOWED:
IF INHALED: BREATHING FUMES CAN CAUSE DAMAGE TO NASAL & RESPIRATORY PASSAGES.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: FLUSH WITH WATER
IF ON SKIN: FLUSH WITH WATER THEN WATER CONTAINING SODIUM BICARBONATE
IF SWALLOWED: CALL A PHYSICIAN IMMEDIATELY
IF INHALED:

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: VENTILATE AREA WELL THEN FLUSH WITH LARGE AMOUNTS OF WATER, THEN USE BICARBONATE OR SODA ASH TO NEUTRALIZE REMAINING TRACES OF MATERIAL.

WASTE DISPOSAL METHOD: IN ACCORDANCE WITH GOVERNMENT REGULATIONS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: **Local Exhaust:**
 Mechanical (General): **Special:** **OTHER:**
RESPIRATORY PROTECTION:
PROTECTIVE GLOVES: YES
EYE PROTECTION: YES-GOGGLES
OTHER PROTECTIVE EQUIPMENT: CLOTHES COVERING ENTIRE BODY - RUBBER APRON & BOOTS
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN COOL PLACE AWAY FROM COMBUSTIBLE MATERIALS. AVOID CONTACT WITH SKIN OR EYES
OTHER PRECAUTIONS: NEVER ADD WATER TO ACID. ADDITION TO WATER RELEASES HEAT WHICH CAN RESULT IN VIOLENT BOILING AND SPATTERING. ADD SLOWLY IN SMALL AMOUNTS.
WORK/HYGIENIC PRACTICES:

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