
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

MINE-GARD SOLID**MSDS ID: 03040**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MINE-GARD SOLID
PRODUCT DESCRIPTOR: PH TREATMENT
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
SODIUM HYDROXIDE (1310-73-2)	100	TLV C 2; PEL C 2	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: CAUSES BURNS TO EYES, SKIN, AND MUCOUS TISSUE. INHALATION OF DUST IRRITATES OR CAUSES BURNS TO RESPIRATORY SYSTEM AND LUNGS.
CHRONIC: None Known.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
SENSITIVE SKIN. DUST MAY AGGRAVATE RESPIRATORY DISEASE.

IV. FIRST AID MEASURES

EYES: IMMEDIATELY FLUSH EYES WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ASSISTANCE IF EYES ARE INJURED OR IRRITATION PERSISTS.
SKIN: IMMEDIATELY FLUSH SKIN WITH WATER.
INGESTION: GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. CONTACT A POISON CONTROL CENTER OR PHYSICIAN. NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: N/A	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: N/A	UEL: N/A
UNUSUAL FIRE OR EXPLOSION HAZARDS:		SOLID CORROSIVE MATERIAL	
EXTINGUISHING MEDIA:		WATER SPRAY, CO2, DRY CHEMICALS	
FIRE FIGHTING INSTRUCTIONS:		WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) IN FIRE AREA.	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: SWEEP UP SMALL AMOUNTS AND PLACE IN CONTAINER FOR REUSE. CERCLA PRODUCT RQ = 1,000 LBS.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: ADD SLOWLY TO WATER WHILE STIRRING. RAPID ADDITION CAUSES VIOLENT SPATTERING AND INTENSE HEAT.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: CHEMICAL GOGGLES, SIDE SHIELD SAFETY GLASSES, OR FACE SHIELD
PROTECTIVE GLOVES: RUBBER/CHEMICAL RESISTANT
RESPIRATORY PROTECTION: USE APPROVED RESPIRATOR TO MAINTAIN PEL/TLV LEVELS IN DUSTY AREAS.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: WEAR RUBBER APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDER CLOTHES BEFORE REUSE. SAFETY SHOWER/EYE WASH.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): N/A SPECIFIC GRAVITY: 1.0000
VOLATILE BY VOLUME: 0 SOLUBILITY IN WATER: 100
VAPOR PRESSURE (MMHG): N/A AT
APPEARANCE AND ODOR: WHITE GRANULAR SOLID; NO ODOR

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: WATER AND ACIDS (EXOTHERMIC), ALUMINUM, TIN, AND ZINC
HAZARDOUS DECOMPOSITION PRODUCTS: NONE
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: TRIPLE RINSE EMPTY CONTAINERS. ADD RINSES TO ACIDIC MINE DRAINAGE. REMOVE LABEL BEFORE RECYCLING, SELLING, OR DISPOSAL OF CONTAINER.

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XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

NONE

LISTED CARCINOGEN: NONE

NTP: NO

IARC: NO

OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 1

PERSONAL PROTECTIVE EQUIPMENT: D

STATE RIGHT-TO-KNOW INFORMATION:

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.