
MATERIAL SAFETY DATA SHEET

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

PGA-FE

MSDS ID: 03659

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PGA-FE
PRODUCT DESCRIPTOR: ZINC PHOSPHATIZING ADDITIVE
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
FERROUS SULFATE HEPTAHYDRATE (7782-63-0)	100	PEL 1; TLV 1 (IRON SALTS)	MG(Fe)M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: NO
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: HARMFUL IF INHALED. CAUSES IRRITATION OF SKIN, EYES AND
RESPIRATORY TRACT.
CHRONIC: None Known.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Sensitive skin

IV. FIRST AID MEASURES

EYES: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET
MEDICAL ATTENTION.
SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.
LAUNDER BEFORE REUSE. GET MEDICAL ATTENTION IF NECESSARY.
INGESTION: GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

FLASH POINT: NONE	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: NONE	UEL: NONE
UNUSUAL FIRE OR EXPLOSION HAZARDS:		NONE KNOWN	
EXTINGUISHING MEDIA:		CO2, WATER SPRAY, FOAM, DRY CHEMICAL	
FIRE FIGHTING INSTRUCTIONS:		WEAR PROTECTIVE CLOTHING AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: SWEEP OR VACUUM UP WITH MINIMAL DUST GENERATED. PLACE IN DRY, LABELED CONTAINER.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN COOL DRY PLACE

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS.
PROTECTIVE GLOVES: IMPERVIOUS CHEMICAL-RESISTANT
RESPIRATORY PROTECTION: APPROVED DUST RESPIRATOR WITH NEPA FILTER CARTRIDGE.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: PROTECTIVE CLOTHING IS RECOMMENDED
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): N/A SPECIFIC GRAVITY: 55.0000
VOLATILE BY VOLUME: N/A SOLUBILITY IN WATER: 100%
VAPOR PRESSURE (MMHG): N/A AT N/A
APPEARANCE AND ODOR: BLUE-GREEN, YELLOW-BROWN GRANULAR POWDER; ODORLESS.

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: ALKALIES
HAZARDOUS DECOMPOSITION PRODUCTS: WHEN HEATED TO DECOMPOSITIONS THIS
PRODUCT EMITS TOXIC FUMES OF SO_x.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: EMPTY CONTAINER. TRIPLE RINSE WITH WATER. ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
REPORTABLE QUANTITY: 1000 LBS.

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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: 0

PERSONAL PROTECTIVE EQUIPMENT: E

STATE RIGHT-TO-KNOW INFORMATION:

FERROUS SULFATE HEPTAHYDRATE - CAS #7782-63-0

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.