



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 00303

PRODUCT NAME: SECURE TEC 2002

USE: Iron phosphatizer

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: not applicable

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Phosphoric acid	5 - 15	007664-38-2	LD50 1530 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Wear impermeable gloves.

Eye: Safety glasses

Footwear: No special requirements

Respiratory: not applicable

Other: Chemical apron

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Do not breathe mist, spray or vapours.
Do not get in eyes, on skin, on clothing.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): Oxidizing materials

SPILL PROCEDURES: Contain the spill.
Soak up with absorbent material then wash area with water.
Wear protective equipment during clean up.
Dispose of according to municipal, provincial, and federal regulations.

WASTE DISPOSAL: Dispose of according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear, water-like liquid.

S.G. / BULK DENSITY(g/cc): 1.12

pH: 2.85

VAPOUR PRESSURE (mmHg): 17.5 @ 20C

VAPOUR DENSITY (air=1): 17.3

ODOUR THRESHOLD: not applicable

BOILING POINT: >200F

FREEZING POINT: <50F

PERCENT VOLATILE: 85

SOLUBILITY IN WATER: complete

EVAPORATION RATE (water=1): 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation resulting in stinging, tearing and reddening.

SKIN: May cause severe irritation.
May cause defatting, drying and cracking of skin.

INGESTION: Causes neausea, vomiting, pain and diarrhea if product is ingested.

INHALATION: Breathing spray or mist may cause respiratory irritation.

LD50 (calculated): 1400		LC50 (calculated): Not determined.	
OTHER TOXIC EFFECTS: See Acute Exposure Information			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: May cause irritation after prolonged exposure.			
VI - FIRST AID MEASURES			
EYES:	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.		
SKIN:	Wash affected area thoroughly with soap and water. Contact a physician immediately.		
INGESTION:	Give victim a glass of water. Do not induce vomiting. Contact a physician immediately.		
INHALATION:	Remove patient to fresh air. Contact a physician immediately.		
VII - FIRE AND EXPLOSION DATA			
FLAMMABLE: No			
FLASH POINT, °C: No		AUTO IGNITION TEMPERATURE, °C: not available	
EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☒ Carbon Dioxide ☒ Foam ☒ Other ☐			
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. This material in contact with water can create extremely slippery walking surfaces.			
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen and sulfur.			
EXPLOSIVE SENSITIVITY TO: not available			
VIII - REACTIVITY DATA			
STABILITY: Stable ☒ Unstable ☐			
CONDITIONS TO AVOID: None known			
INCOMPATIBILITY (Material to Avoid) : Alkali and chlorinated materials, aluminum and soft metals.			
HAZARDOUS DECOMPOSITION PRODUCTS: oxides of carbon oxides of nitrogen Incomplete combustion forms oxides of carbon and sulfur.			
REACTIVITY: Contact with alkali will generate heat.			
IX - MSDS PREPARATION			
SOURCES USED: MSDS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200	
PREPARATION DATE: November 5, 2003			
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