



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11013

PRODUCT NAME: SECURE PRO 2001

USE: Iron phosphatizer

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: C E

CHEMICAL FAMILY: Inorganic oxygen donor

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium Chlorate	10-30	007775-09-9	LD50 1200 mg/kg	oral/rat
Phosphoric acid	0.5-1.5	007664-38-2	LD50 1530 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Neoprene or nitrile

Eye: safety goggles

Footwear: as required

Respiratory: If mists are generated, use NIOSH approved mask.

Other: not normally required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): Organic materials

SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Soak up with absorbent material then wash area with water.

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

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. UN2428

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear liquid

S.G. / BULK DENSITY(g/cc): 1.31

pH: (concentrate): 2.3

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: >100°C

FREEZING POINT: not available

PERCENT VOLATILE: 55%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Corrosive. May cause severe irritation.

SKIN: Corrosive. May cause severe irritation.

INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause permanent damage if not treated promptly.

INHALATION: May cause irritation of respiratory tract.

LD50 (calculated): 8228 mg/kg

LC50 (calculated): not available

OTHER TOXIC EFFECTS: TWA Orthophosphoric acid: 1 mg/m3; STEL 3 mg/kg3.	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known	
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:	Flush affected area thoroughly with water. If irritation develops, contact a physician.
INGESTION:	Drink large volumes of water or milk. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
INHALATION:	Remove patient to fresh air. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No. Combustion supporting oxygen released when heated.	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: not applicable
EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☐ Carbon Dioxide ☐ Foam ☐ Other ☐	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus	
HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may release hydrogen chloride.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable ☒ Unstable ☐	
CONDITIONS TO AVOID: High temperature	
INCOMPATIBILITY (Material to Avoid) : Organic materials	
HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition liberates oxygen and generates heat	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: MSDS for Sodium Chlorate	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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