



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 11530	
PRODUCT NAME: SECURE GARD					
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	1 - 5	007664-38-2	LD50 1530 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT: Gloves: No special requirements normally required. Eye: Safety glasses Footwear: No special requirements normally required. Respiratory: No special requirements Other: Not required					
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Do not get in eyes, on skin, on clothing. Store in a cool dry area in a closed container. Avoid freezing Ensure adequate ventilation. Do not taste or swallow.					
VENTILATION REQUIREMENTS: General ventilation Ensure adequate ventilation.					
INCOMPATIBILITY (Material to Avoid): Strong reducing agents Alkaline and chlorinated materials					
SPILL PROCEDURES: Wear protective equipment during clean up. Flood with copious amount of water. Contain the spill. Contain with sand or other inert material. Collect for disposal. Dispose of according to municipal, provincial, and federal regulations.					
WASTE DISPOSAL: Dispose of according to municipal, provincial, and federal regulations. Flush neutralized material to sewer.					
STORAGE / SHIPPING REQUIREMENT: Avoid freezing Store in a cool dry area in a closed container.					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Clear colourless liquid					
S.G. / BULK DENSITY(g/cc): 1.11			pH: 2.02		
VAPOUR PRESSURE (mmHg): 17.5 @ 20C			VAPOUR DENSITY (air=1): 1		
ODOUR THRESHOLD: not available			BOILING POINT: >200F		
FREEZING POINT: <50F			PERCENT VOLATILE: 81.5		
SOLUBILITY IN WATER: very soluble			EVAPORATION RATE (water=1): 1		
V - TOXICOLOGICAL PROPERTIES					

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause irritation.**SKIN:** Mild to moderate skin irritant.**INGESTION:** May cause irritation of digestive tract.**INHALATION:** Irritation of respiratory tract.**LD50 (calculated):** 4386 mg/kg**LC50 (calculated):** 46 mg/L**OTHER TOXIC EFFECTS:** None known**EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:** Contains a suspected human carcinogen.
May cause irritation after prolonged exposure.**VI - FIRST AID MEASURES****EYES:** Flush eyes with plenty of water. If irritation develops, contact a physician.**SKIN:** Remove and wash contaminated clothing thoroughly.
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.
Contact a physician.**INHALATION:** Contact a physician.
Remove patient to fresh air.**VII - FIRE AND EXPLOSION DATA****FLAMMABLE:** No**FLASH POINT, °C:** >200F**AUTO IGNITION TEMPERATURE, °C:** not available**EXTINGUISHING MEDIA:** Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []**SPECIAL FIRE FIGHTING PROCEDURES:**Wear self-contained breathing apparatus.
Will release oxygen when it is heated, intensifying a fire. Acidic mist may be present;**HAZARDOUS COMBUSTION PRODUCTS:** Hydrogen bromide and/or bromine may be released.
Oxides of sodium and phosphorus.**EXPLOSIVE SENSITIVITY TO:** not applicable**VIII - REACTIVITY DATA****STABILITY:** Stable [x] Unstable []**CONDITIONS TO AVOID:** Keep from freezing and avoid heating.
High storage temperatures**INCOMPATIBILITY (Material to Avoid) :** Combustible materials
Alkalis**HAZARDOUS DECOMPOSITION PRODUCTS:** Phosphorus**REACTIVITY:** Not dangerously reactive.**IX - MSDS PREPARATION****SOURCES USED:** Raw Materials MSDS**PREPARED BY:** JohnsonDiversey Canada, Inc.
Regulatory Department
Industrial Division
Phone (905) 829-1200**PREPARATION DATE:** September 10, 2003

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