



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 1459

PRODUCT NAME: LEVER PRO RUST REMOVING PRE-TREATMENT**USE:** Rust removing pre-spotter**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** D2B E**CHEMICAL FAMILY:** Acid**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Phosphoric acid	10-30	007664-38-2	LD50 1530 mg/kg	oral/rat
Hydroxyacetic acid	5-10	000079-14-1	LD50 4240 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** neoprene or nitrile**Eye:** safety goggles**Footwear:** not applicable**Respiratory:** If mists are generated, use NIOSH approved mask.**Other:** not applicable**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye and skin contact**VENTILATION REQUIREMENTS:** general ventilation**INCOMPATIBILITY (Material to Avoid):** alkalis, chlorinated compounds and soft metals.**SPILL PROCEDURES:** Contain the spill. Do not allow the spilled product to go to drain. Neutralize with soda ash. Sweep or scoop up material for disposal.**WASTE DISPOSAL:** Dispose 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, straw coloured liquid, no odour**S.G. / BULK DENSITY(g/cc):** 1.31**pH:** 1.84**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):****ODOUR THRESHOLD:** not available**BOILING POINT:** not available**FREEZING POINT:** not available**PERCENT VOLATILE:** approx. 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. May cause temporary or permanent damage if not treated promptly.**SKIN:** Corrosive. May cause severe irritation.**INGESTION:** Corrosive. May cause severe irritation of the digestive tract.**INHALATION:** Breathing mist or spray may cause severe respiratory irritation. May cause temporary or permanent damage if not treated promptly

LD50 (calculated): 5980 mg/kg		LC50 (calculated): not available	
OTHER TOXIC EFFECTS: TLV-TWA (phosphoric acid) 1 mg/m3, STEL 3 mg/m3			
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 . 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			
FLASH POINT, °C: not applicable		AUTO IGNITION TEMPERATURE, °C:	
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [x]			
SPECIAL FIRE FIGHTING PROCEDURES: none required			
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.			
EXPLOSIVE SENSITIVITY TO: Impact [] Static Discharge [] Heat [] Other []			
VIII - REACTIVITY DATA			
STABILITY: Stable [x] Unstable []			
CONDITIONS TO AVOID: not applicable			
INCOMPATIBILITY (Material to Avoid) : alkalis, chlorinated compounds and soft metals			
HAZARDOUS DECOMPOSITION PRODUCTS: Heat generated on contact with alkalis. Chlorine gas generated on contact with chlorinated compounds. Hydrogen gas generated on contact with soft metals.			
REACTIVITY: not dangerously reactive			
IX - MSDS PREPARATION			
SOURCES USED: Phosphoric acid and hydroxyacetic acid, MSDS		PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200	
PREPARATION DATE: April 15, 2003			
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