



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4765

PRODUCT NAME: LAUNDRY RUST TREATMENT 7TP

USE: Dairy Pasteurizer Testing/Laundry Sour

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D1B E

CHEMICAL FAMILY: Organic Acid

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: Oxalic Acid

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Oxalic acid	60-100	000144-62-7	LD50 375 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: neoprene or nitrile

Eye: safety goggles

Footwear: not required

Respiratory: NIOSH-approved dust mask

Other: not applicable

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid breathing dust. Avoid eye and skin contact.

VENTILATION REQUIREMENTS: mechanical exhaust.

INCOMPATIBILITY (Material to Avoid): Alkalis and chlorinated materials.

SPILL PROCEDURES: Cover with soda ash or sodium bicarbonate. Sweep or scoop up material for disposal. Flush small quantities to drain.

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: White powder

S.G. / BULK DENSITY(g/cc): 1.0 - 1.1

pH: (1%) <2

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: not applicable

FREEZING POINT: not applicable

PERCENT VOLATILE: not applicable

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.

SKIN: Corrosive. May cause severe irritation

INGESTION: Corrosive. May cause severe irritation of the digestive tract. Ingestion of large doses can be fatal.

INHALATION: Breathing dust may cause respiratory irritation, headache and nausea.

LD50 (calculated): 375 mg/kg

LC50 (calculated): not available

OTHER TOXIC EFFECTS: Oxalic Acid TLV-TWA 1mg/m3, STEL 2mg/m3.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Long term exposure linked to stone formation (calculi) in the kidney and urinary tract. Can cause chronic cough.	
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:	Do not induce vomiting. Contact a physician immediately. If conscious give immediately, by mouth, large amounts of a fine suspension in water of a non-toxic calcium compound such as calcium lactate . If these are not readily available, give large amounts of water.
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: N/Av
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray not water foam.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: not applicable	
INCOMPATIBILITY (Material to Avoid) : Alkaline, chlorinated materials, and soft metals.	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with alkaline material will generate heat. Contact with chlorinated materials will release chlorine gas. Contact with soft metals in presence of water generates hydrogen gas.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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