



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4759

PRODUCT NAME: LAUNDRY SOUR 6RP

USE: Laundry Sour

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D1A E

CHEMICAL FAMILY: Fluosilicate

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium silicofluoride	60-100	016893-85-9	LD50 125 mg/kg LC50 47mg/m3/6h	oral/rat inhal/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber, neoprene or nitrile

Eye: safety glasses

Footwear: not applicable

Respiratory: NIOSH-approved dust mask

Other: not applicable

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

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Acids, alkalis, chlorinated compounds, and soft metals.

SPILL PROCEDURES: gear protective clothing. Sweep or scoop up material for disposal.

WASTE DISPOSAL: Dispose according to Municipal, Provincial and Federal Regulations.

STORAGE / SHIPPING REQUIREMENT: Store in cool, dry area in a closed container. UN2674

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Blue powder

S.G. / BULK DENSITY(g/cc): 1.2

pH: 3.1 ± 0.5 (1% solution)

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

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: May cause severe irritation of the eyes. May cause permanent damage if not treated promptly.

SKIN: May cause severe irritation. May cause temporary or permanent damage if not treated promptly.

INGESTION: Harmful if swallowed. May be fatal. May cause severe irritation of the digestive tract.

INHALATION: May cause pulmonary irritation and death.

LD50 (calculated): 179 mg/kg

LC50 (calculated): 47 mg/m3/6hrs.

OTHER TOXIC EFFECTS: Highly toxic by ingestion and inhalation. TLV (sodium silicofluoride) 2.5 mg/m3	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Repeated or prolonged contact with skin may cause skin rash.	
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. Contact a physician immediately.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: N/Ap
EXTINGUISHING MEDIA: Water [] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: not applicable.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: high humidity and heat	
INCOMPATIBILITY (Material to Avoid) : Acids, alkalis, chlorinated compounds, halides, reducing agents and soft metals.	
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen fluoride and silicon tetrafluoride. Chlorine gas released on contact with chlorinated compounds. Hydrogen gas generated on contact with soft metals.	
REACTIVITY: not applicable	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
Information on this form is furnished in compliance with the Regulations respecting Controlled Products under the Hazardous Products Act and is not to be used for any other purpose, nor is it to be reproduced or published. JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any use of the material if reasonable safety procedures are not adhered to. In addition, JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any abnormal use or theft of the material, even if reasonable safety procedures are followed. Each user assumes the risk in his use of the material and should review the data and recommendations in the specific context of the intended use.	