

I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2231

PRODUCT NAME: SUMA STEEL**USE:** Stainless Steel Cleaner and Polish**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** not applicable**CHEMICAL FAMILY:** surfactant/oil**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sorbitan monostearate	1-5	001338-41-6	LD50 31000 mg/kg	oral/rat
Sorbitan monostearate ethoxylate	3-7	009005-67-8	LD50 38000 mg/kg	oral/rat
Mineral oil	15-40	008042-47-5	not available	

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** not required**Eye:** not required**Footwear:** not required**Respiratory:** If mists are generated, use NIOSH approved mask.**Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Do not breathe mist or spray.**VENTILATION REQUIREMENTS:** general ventilation**INCOMPATIBILITY (Material to Avoid):** Oxidizing materials.**SPILL PROCEDURES:** Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay 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. Avoid freezing.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White opaque viscous liquid**S.G. / BULK DENSITY(g/cc):** 0.97**pH:** 6.6**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** not available**FREEZING POINT:** not available**PERCENT VOLATILE:** approx. 65%**SOLUBILITY IN WATER:** dispersable**EVAPORATION RATE (water=1):** 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause irritation.**SKIN:** Repeated or prolonged contact may result in irritation.**INGESTION:** May cause irritation of the digestive tract.**INHALATION:** Breathing spray or mist may cause respiratory irritation.

LD50 (calculated): 31,000 mg/kg		LC50 (calculated): not applicable	
OTHER TOXIC EFFECTS: none known			
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.		
INHALATION:	Remove patient to fresh air.		
VII - FIRE AND EXPLOSION DATA			
FLAMMABLE: No			
FLASH POINT, °C: >300°C		AUTO IGNITION TEMPERATURE, °C: N/Ap	
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []			
SPECIAL FIRE FIGHTING PROCEDURES: not required			
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [X] Unstable []			
CONDITIONS TO AVOID: Avoid freezing			
INCOMPATIBILITY (Material to Avoid) : Oxidizing materials.			
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with oxidizing materials.			
REACTIVITY: Not dangerously reactive.			
IX - MSDS PREPARATION			
SOURCES USED: RTECS, RM, 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.			