



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 2050
PRODUCT NAME: STERLING WUNRUB 83				
USE: Hand Cleaner				
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171	
WHMIS CLASSIFICATION: D2B CHEMICAL FAMILY: alkali			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable	
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium tetraborate	60-100	001303-96-4	LD50 6130 mg/kg	oral/rat
Sodium stearate	10-30	000822-16-2	not available	n/a
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: not required		Eye: safety glasses		Footwear: not required
Respiratory: not required			Other: not required	
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact. Avoid breathing dust.				
VENTILATION REQUIREMENTS: general ventilation				
INCOMPATIBILITY (Material to Avoid): mineral acids				
SPILL PROCEDURES: 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: White free-flowing powder				
S.G. / BULK DENSITY(g/cc): 0.76			pH: (1% solution): 9.1	
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 irritation.				
SKIN: No serious or irreversible effects expected.				
INGESTION: May cause headache, nausea, dizziness, vomiting and diarrhea.				
INHALATION: Breathing dust may cause respiratory irritation.				
LD50 (calculated): 8040 mg/kg			LC50 (calculated): not available	
OTHER TOXIC EFFECTS: Sodium tetraborate TWA 5 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.
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: not applicable

FLASH POINT, °C: not applicable

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: high humidity

INCOMPATIBILITY (Material to Avoid) : strong mineral acids

HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Industrial Division
Phone (905) 829-1200

PREPARATION DATE: April 15, 2003

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