



I - PRODUCT IDENTIFICATION AND USE		MSDS ID: 0839		
PRODUCT NAME: RUB-R-KLEEN				
USE: Cleaner for rubber parts on milking machines				
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada	EMERGENCY PHONE: 1-800-668-7171			
WHMIS CLASSIFICATION: D2B E 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 hydroxide	60-100	001310-73-2	LDLo 500 mg/kg	oral/rab
Sodium tripolyphosphate	3-7	007758-29-4	LD50 4100 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: Natural Rubber, Neoprene or Nitrile		Eye: Safety goggles		Footwear: As required
Respiratory: NIOSH approved dust mask			Other: Rubber apron	
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid breathing dust. Rapid mixing of this product with water generates heat and dangerous boiling can result. Always add this product to cold water slowly and with good mixing.				
VENTILATION REQUIREMENTS: Mechanical exhaust				
INCOMPATIBILITY (Material to Avoid): Strong mineral acids, aluminum and other soft metals.				
SPILL PROCEDURES: Sweep or scoop up material for disposal. Wash spill area with large volumes of water.				
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, coarse powder				
S.G. / BULK DENSITY(g/cc): 1.15		pH: (1%) 12.5 - 13.0		
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. May cause temporary or permanent damage if not treated promptly.				
INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.				
INHALATION: Corrosive. Breathing dust may cause severe irritation to respiratory tract.				
LD50 (calculated): > 500 mg/kg		LC50 (calculated): Not available		

OTHER TOXIC EFFECTS: TLV-CL (sodium hydroxide) 2 mg/m3

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Not available.

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eye lids open while rinsing. Contact a physician immediately.
SKIN: Flush affected area thoroughly with water. If irritation persists, contact a physician.
INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious person. 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:** N/Av

EXTINGUISHING MEDIA: Water [X] 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

INCOMPATIBILITY (Material to Avoid) : Acids, aluminum and other soft metals.

HAZARDOUS DECOMPOSITION PRODUCTS: Contact with acids will generate heat. Contact with soft metals forms flammable hydrogen gas.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Food Division
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