

MATERIAL SAFETY DATA SHEET



MSDS ID: 32610

I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: UC7 STAINLESS STEEL CLEANER

USE: Stainless Steel Cleaner

SUPPLIER: EMERGENCY PHONE:

JohnsonDiversey Canada, Inc.

2401 Bristol Circle

Oakville Ontario, L6H 6P1, Canada

1-800-668-7171

WHMIS CLASSIFICATION: B3 D2B TRADE NAME / SYNONYMS: not applicable

CHEMICAL FAMILY: Solvent/Surfactant CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS#	LD50 / LC50	Route / Species
Isopropanol Alcohol	10-30	000067-63-0	LD50 5045 mg/kg	oral/rat
Hexylene glycol	3-7	000107-41-5	n/a	oral/rat
Sodium lauryl sulphate	1-5	000151-21-3	LD50 1300 mg/kg	oral/rat
Monoethanolamine	5-10	000141-43-5	LD50 1720mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene, Nitrile Eye: Safety glasses Footwear: not required

Respiratory: If mists are generated, use NIOSH approved **Other:** not required

mask

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact. Do not breathe mist, spray or vapours. Do not expose to heat,

spark or open flame.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): not applicable

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. UN 1993

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Opaque white liquid, mild alcohol odour.

S.G. / BULK DENSITY(g/cc): 0.97 pH: (Concentrate): 11.3

VAPOUR PRESSURE (mmHg): not available VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available BOILING POINT: approx. 63°C

FREEZING POINT: not available PERCENT VOLATILE: approx. 94%

SOLUBILITY IN WATER: Soluble 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 severe irritation of the digestive tract.

INHALATION: Breathing spray or mist may cause respiratory irritation. Excessive exposure may cause dizziness. LD50 (calculated): 1300mg/kg LC50 (calculated): not applicable **OTHER TOXIC EFFECTS:** TLV-TWA (Isopropyl Alcohol) 520 mg/m3 **EFFECTS OF CHRONIC** none known **EXPOSURE TO MATERIAL:** 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: Yes, combustible if heated. FLASH POINT, °C: **AUTO IGNITION TEMPERATURE,°C:** 29° (Pensky-Martens) N/Ap **EXTINGUISHING MEDIA:** Dry Chemical [x] Water [x] Carbon Dioxide [x] Foam [x] Other [] Wear self-contained breathing apparatus. SPECIAL FIRE FIGHTING PROCEDURES: Oxides of carbon, sulphur. HAZARDOUS COMBUSTION PRODUCTS: **EXPLOSIVE SENSITIVITY TO:** not applicable **VIII - REACTIVITY DATA** STABILITY: Unstable [] Stable [X] CONDITIONS TO AVOID: high temperature INCOMPATIBILITY (Material to Avoid): not applicable **HAZARDOUS DECOMPOSITION PRODUCTS:** not applicable REACTIVITY: not dangerously reactive **IX - MSDS PREPARATION** SOURCES USED: RTECS, RM MSDS PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division PREPARATION DATE: April 15, 2003 Phone (905) 829-1200

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