



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2141

PRODUCT NAME: C-THRU

USE: Glass Cleaner

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 D2B

CHEMICAL FAMILY: Alkali/Solvent

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Isopropanol	1-5	000067-63-0	LD50 5045 mg/kg	oral/rat
Propylene glycol monomethyl ether	1-5	000107-98-2	LD50 5660 mg/kg	oral/rat

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: 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): acids

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.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear blue liquid, mild odour.

S.G. / BULK DENSITY(g/cc): 0.99

pH: 10.4

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: approx. 100°C

FREEZING POINT: -1°C

PERCENT VOLATILE: approx. 99%

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE (water=1): approx. 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause severe irritation.

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.

INHALATION: Breathing spray or mist may cause respiratory irritation. Excessive exposure may cause dizziness.

LD50 (calculated): 88,914 mg/kg

LC50 (calculated): not applicable

OTHER TOXIC EFFECTS: TLV-TWA (isopropanol) 400 ppm; TLV (propylene glycol monomethyl ether) 25 ppm ceiling

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. 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: Yes, combustible if heated.

FLASH POINT, °C: 55°C (TCC)

AUTO IGNITION TEMPERATURE, °C:

EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [] Other []

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: Ammonia. Oxides of carbon.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [X] Unstable []

CONDITIONS TO AVOID: high temperature

INCOMPATIBILITY (Material to Avoid) : Chlorinated materials, oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Heat on contact with strong oxidizers. Chloramines on contact with chlorinated materials. Nitrogen oxides.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
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