

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Formula 6-88

EFFECTIVE DATE: January 7, 2009

WHMIS CLASS: Not a WHMIS controlled material.

DIN: 02261537

T.D.G. CLASSIFICATION: Not regulated. **UN:** **PG:**

MATERIAL USE: Disinfectant, cleaner

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	TLV	TOXICITY DATA (LD50 & LC50)
n-alkyl (60% C ₁₄ ; 30% C ₁₆ ; 5% C ₁₂ ; 5% C ₁₈)dimethyl benzyl ammonium chloride	68424—85-1	0.5 - 1.5	n/av	LD50 Oral (rat) 4000 mg/kg

PHYSICAL DATA

BOILING POINT (°C): 100°C

VAPOUR PRESSURE: N/AP

FREEZING POINT: 0°C

SPECIFIC GRAVITY (H₂O=1): 0.994

VAPOUR DENSITY (Air=1): N/AP

VOLATILITY: N/AV

EVAPORATION RATE: N/AV

SOLUBILITY: Easily soluble in cold water, hot water, methanol. Soluble in dithyl ether. Very slightly soluble in n-octanol.

PHYSICAL STATE: Liquid

PH (concentrate) : 6.6 1% SOL. – 7.7

APPEARANCE AND ODOUR: Clear blue liquid with a floral smell

FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD): N/A

FLAMMABLE LIMITS IN AIR, % BY VOL.

LOWER: None

UPPER: N/A

FIRE EXTINGUISHING SUBSTANCES: () Water Fog (X) Foam (X) CO₂ () Dry Chem () Other:

HAZARDOUS COMBUSTION PRODUCTS: See Hazardous Decomposition Products.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective clothing.

REACTIVITY DATA

STABILITY: The product is stable.

DECOMPOSITION PRODUCTS: Thermal decomposition may produce; Carbon dioxide, carbon monoxide, ammonia, nitrous oxides and hydrogen chloride.

REACTIVITY: Incompatible with oxidizing agents, acids, reducing agents, organic materials, metals, and alkalis.

FIRST AID

INHALATION: Remove from exposure. If breathing is difficult or discomfort persists, get medical attention.

INGESTION: Drink milk, egg whites, gelatin solution or if these are not available drink large quantities of water. Call a physician. Do not induce vomiting.

EYES: Flush with plenty of water for 15 minutes. Get medical attention.

SKIN: Flush with water.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes contact (X), Skin contact (X), Skin absorption (), Inhalation (X), Ingestion (X)

EFFECTS OF ACUTE EXPOSURE & CHRONIC EXPOSURE:

INHALATION: Vapor or mist may cause irritation of mucous membranes.

INGESTION: May cause mucosal damage, nausea, vomiting and diarrhea.

EYES: Avoid contact with eyes. Will cause irritation.

SKIN: Avoid prolonged contact with skin. Irritation may occur.

CARCINOGENICITY: n/av

REPRODUCTIVE TOXIN: n/av. The product may cause target organ effects.

TERATOGENICITY: n/av

MUTAGENICITY: n/av

PREVENTATIVE MEASURES

STEPS TO BE TAKEN UPON RELEASE OR SPILLAGE (INCLUDING NEUTRALIZING): Flush with water. Mop up.

WASTE DISPOSAL METHOD: Local, provincial and federal regulations concerning health and pollution should be observed to determine approved disposal procedures.

HANDLING AND STORAGE REQUIREMENTS: Keep container closed when not in use. Store away from strong oxidizers and reducing agents.

VENTILATION REQUIREMENTS (LOCAL OR GENERAL): General ventilation should be sufficient.

RESPIRATORY PROTECTION: Approved respiratory protection should be used if product is misted.

EYE PROTECTION: Not normally necessary. Safety glasses may be worn.

OTHER PROTECTION: Not normally necessary, rubber gloves may be worn.

HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
0	2	2	1

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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