# **Odour Tech of Canada**

# Material Safety Data Sheet

Non-Flammable

		SECTI	ION I				
IDENTIFICATION	DENTIFICATION NOK			OUT Janua		nuary 2, 2006	
MANUFACTURER/DISTRIBUTER				Odor Tech of Canada PO 130 Midhurst, Ontario L0L 1X0 Canada			
PHONE NUMBERS							
	t Information 1 Emergency	(705) 72 (705) 72					
CHEMICAL FAMILY				Aqueous Oxidant			
SECTION II - ACTIVE/HAZARDOUS INGEDIENTS							
CHEMICAL NAMES			<u>%</u>	CAS #	EXPOSURE LI	MITS	
Chlorine dioxide (Stabilized) n-Alkyl Dimethyl Benzyl Ammonium Chloride n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride			0.0200 0.085 0.085	10049-04-4 (Mixture) (Mixture)	Not available Not available Not available		
At these concentrations none of the ingredients are known to pose any hazards to human health.							
WHMIS Classification:							
SECTION III – PHYSICAL DATA							
BOILING RANGE VAPOR PRESSURE VAPOR DENSITY WATER SOLUBILITY APPERANCE VISCOSITY	212°F Not Available Not Available 100% Colorless liquid 0.9 cP at 25°C		SPECIFIC GRAVITY (WATER=1)1.05PERCENT VOLATILES BY VOLUME100%EVAPORATION RATELess than EtherpHApprox 8.5ODORMild-Fresh				
SECTION IV – FIRE/EXPLOSION HAZARDS							

#### FLASHPOINT (T.C.C.) N/A

FLAMMABILITY LIMITS: EXTINGUISHING MEDIA: N/A

#### SECTION V – HEALTH HAZARD DATA

TOXICITY TESTING – <u>ACUTE</u> Inhalation – Studies with Wistar Albino rats exposed to a respirable aerosol made form a solution of NOK OUT at a level of 2.08 mg/l for four hours resulted in no deaths and no abnormal necropsy observations. Eye Contact – Studies with New Zealand white rabbits showed this product is a very mild ocular irritant; mild conjunctival irritation was observed, but cleared within 72 hours. Skin Contact – Study of dermal toxicity in New Zealand white rabbits showed the product to be non-toxic: Dermal LD50 > 5,000 mg/kg of body weight; Study of dermal irritation in New Zealand white rabbits showed the product is not a dermal irritant. In Dermal Sensitization studies, NOK OUT was determined not to be a sensitizer. Swallowing – Acute oral toxicity in albino rats: Non-toxic LD50 > 5,000 mg/kg of body weight.

FIRST AID MEASURES: <u>IF IN EYES</u> – Flush immediately with water. If irritation persists consult a physician. <u>IF SWALLOWED</u> – Give large amounts of water and consult physician.

# **SECTION VI – REACTION DATA**

STABILITY – Stable CONDITIONS TO AVOID – Contact with strong acids

INCOMPATIBILITY (MATERIALS TO AVOID) – Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS – Thermal or other decomposition may yield chlorine dioxide or chlorine.

HAZARDOUS POLYMERIZATION – Will not occur

# **SECTION VII – SPILL PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED – No special clean-up measures are required for the consumer product. To avoid the possibility of "bleaching" the spill should be absorbed with paper towels, and the area rinsed with clean water.

WASTE DISPOSAL METHOD - No special precautions are required for the consumer product.

VOLATILE ORGANIC COMPOUNDS (VOC) None

## **SECTION VIII – SPECIAL PRECAUTIONS**

RESPIRATORY PROTECTION – None required for normal use. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

VENTILATION – Use in adequately ventilated areas.

PROTECTIVE GLOVES – Not required for consumer product.

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#### **SECTION VIII – SPECIAL PRECAUTIONS (Continued)**

EYE PROTECTION – Not required for consumer product.

BULK HANDLING AND STORAGE PRECAUTIONS – Keep away from heat, and strong acids. Do not smoke. Prevent build-up of vapors by maintaining continuous flow of fresh air. Do not store above 120°F or near fire of open flame. Store large quantities in buildings to comply with OSHA 1910.106. Keep container closed when not in use. Do not transfer contents to bottles or other unlabelled containers. Do not reuse empty containers. Keep out of reach of children.

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