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# MATERIAL SAFETY DATA SHEET

## NEUTRACIDE

### SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION	NOT WHMIS CONTROLLED
CHEMICAL FAMILY	DISINFECTANT
CHEMICAL FORMULA	MULTICOMPONANT
MOLECULAR WEIGHT	NOT APPLICABLE
MATERIAL USE	DISINFECTANT, SANITIZER, DEODOURIZER
FLAMMABILITY	0
REACTIVITY	0
HEALTH	2
PERSONAL PROTECTION	1

### SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT	AMMONIUM CHLORIDE n-Alkyl Dimethyl Ethylbenzyl
APPROX. CONCENTRATION %	5
CAS	68956-79-6
EXPOSURE LIMITS	NOT ESTABLISHED
LD50/LC50/SPECIES/ROUTE	LD50 455 MG/KG (RAT-ORAL)
HAZARDOUS INGREDIENT	AMMONIUM CHLORIDE n-Alkyl dimethyl Benzyl
APPROX. CONCENTRATION %	5
CAS	68391-01-5
EXPOSURE LIMITS	NOT AVAILABLE
LD50/LC50/SPECIES/ROUTE	ORAL (LD50): Acute: 455 mg/kg (Rat).

### SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE	LIQUID
ODOUR AND APPEARANCE	CLEAR YELLOW LIQUID WITH QUAT ODOUR
ODOUR THRESHOLD (PPM)	NOT APPLICABLE
SPECIFIC GRAVITY	0.99
VAPOUR PRESSURE (MM)	NOT AVAILABLE
VAPOUR DENSITY (AIR =1)	NOT AVAILABLE
EVAPORATION RATE	NOT AVAILABLE
BOILING POINT (°C)	100°C
FREEZING POINT (°C)	0°C
SOLUBILITY IN WATER (20°C)	COMPLETE
% VOLATILE (BY VOL.)	NOT AVAILABLE

PH	7.2
DENSITY (G/ML)	NOT AVAILABLE
COEFFICIENT OF WATER/OIL DISTRIBUTION	NOT AVAILABLE

<b>SECTION 4 FIRE AND EXPLOSION DATA</b>
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FLAMMABILITY	NO
MEANS OF EXTINCTION	DRY CHEMICALS, CARBON DIOXIDE, FOAM OR WATER FOG
SPECIAL PROCEDURES	SPRAY WATER TO COOL EXPOSED CONTAINERS WEAR SELF CONTAINED BREATHING APPARTUS AND FULL PROTECTIVE CLOTHING
FLASHPOINT (°C) AND METHOD	NONE
UPPER EXPLOSION LIMIT (% BY VOL.)	NOT APPLICABLE
LOWER EXPLOSION LIMIT (% BY VOL.)	NOT APPLICABLE
AUTO-IGNITION TEMPERATURE (°C)	NONE
HAZARDOUS COMBUSTION PRODUCTS	POISONOUS GASES PRODUCED
EXPLOSION SENSITIVITY TO CHEM. IMPACT	NOT APPLICABLE

<b>SECTION 5 REACTIVITY DATA</b>
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CHEMICAL STABILITY	YES
INCOMPATIBILITY? TO WHAT?	STABLE YES ANIONIC MATERIALS, BLEACH OR OXIDIZING AGENTS
REACTIVITY	NONE
HAZARDOUS DECOMPOSITION PRODUCTS	NONE

**SECTION 6 TOXICOLOGICAL PROPERTIES**

ROUTE OF ENTRY SKIN CONTACT Y/N	Y
ROUTE OF ENTRY SKIN ABSORPTION Y/N	N
ROUTE OF ENTRY EYE CONTACT Y/N	Y
ROUTE OF ENTRY INHALATION ACUTE Y/N	Y
ROUTE OF ENTRY INHALATION CHRONIC Y/N	N
ROUTE OF ENTRY SKIN CONTACT Y/N	Y

<b>SECTION 6 TOXICOLOGICAL PROPERTIES CONT.</b>
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EFFECTS OF ACUTE EXPOSURE	SKIN CONTACT; MAY CAUSE SEVERE SKIN IRRITATION. EYE CONTACT; MAY CAUSE SEVERE IRRITATION OR INJURY. INHALATION OF MIST MAY CAUSE IRRITATION OF NOSE AND THROAT. INGESTION; MAY CAUSE BURNING OR PAIN IN THE MOUTH. MAY BE FATAL
EFFECTS OF CHRONIC EXPOSURE	NONE KNOWN
LD50/SPECIES/ROUTE OF ENTRY	750 MG/KG (RAT-ORAL)
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	N
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENCITY Y/N	N
MUTAGENICITY Y/N	N

<b>SECTION 7 PREVENTIVE MEASURES</b>
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PERSONAL PROTECTIVE EQUIPMENT	NOT REQUIRED IF ENGINEERING CONTROLS ARE
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GLOVES	ADEQUATE
EYEWEAR	PLASTIC
FOOTWEAR	SAFETY GLASSES
CLOTHING	NOT APPLICABLE
OTHER	NOT APPLICABLE
ENGINEERING CONTROLS	FACE SHIELD
LEAK AND SPILL PROCEDURE	NORMAL EXHAUST VENTILATION
	CONTAIN SPILL BY DIKING. COLLECT INTO A CONTAINER FOR DISPOSAL. FLUSH AREA WITH WATER.
WASTE DISPOSAL	DISPOSE OF ACCORDING TO FEDERAL, PROVINCIAL OR LOCAL REGULATIONS. DO NOT REUSE EMPTY CONTAINERS
HANDLING PROCEDURES/EQUIPMENT	AVOID CONTAMINATION OF FOOD. DO NOT MIX WITH OTHER PRODUCTS. USE IN A WELL VENTILATED AREA.
STORAGE REQUIREMENTS	STORE IN A COOL WELL VENTILATED AREA.

#### SECTION 8 FIRST AID MEASURES

SKIN	WASH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSING.
EYE	FLUSH EYE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.
INHALATION	REMOVE PERSON TO FRESH AIR
INGESTION	DO NOT INDUCE VOMITING. DRINK LARGE QUANTITY OF MILK, EGG WHITES, GELATIN SOLUTION IMMEDIATELY. IF NOT AVAILABLE DRINK LARGE AMOUNT OF WATER. GET MEDICAL ATTENTION IMMEDIATELY

*VALIDATED BY YORK CHEMICAL TECHNOLOGIES INC  
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