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# MATERIAL SAFETY DATA SHEET

## COOL-EZE

### SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION	WHMIS CLASS D-2B, B3
HMIS	HEALTH 1, FLAMMABILITY 0, REACTIVITY 0, PERSONAL PROTECTION A
CHEMICAL FAMILY	CLEANER
CHEMICAL FORMULA	MIXTURE
MOLECULAR WEIGHT	NOT APPLICABLE

### SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT	LIQUEFIED PETROLEUM GAS
APPROX. CONCENTRATION %	1-10
CAS	68476-86-8
EXPOSURE LIMITS	NOT AVAILABLE
LD50/LC50/SPECIES/ROUTE	NOT AVAILABLE

### SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE	AEROSOL
ODOUR AND APPEARANCE	FRESH FRAGRANCE, WHITE FOAM
ODOUR THRESHOLD (PPM)	NOT AVAILABLE
SPECIFIC GRAVITY	1
VAPOUR PRESSURE	55 psig
VAPOUR DENSITY (AIR =1)	>1
EVAPORATION RATE	1
BOILING POINT (°C)	100°C
FREEZING POINT (°C)	0°C
SOLUBILITY IN WATER (20°C)	COMPLETE
% VOLATILE (BY VOL.)	6.71
PH	9.2
DENSITY (G/ML)	1
COEFFICIENT OF WATER/OIL DISTRIBUTION	NOT APPLICABLE

### SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY	NON-FLAMMABLE
MEANS OF EXTINCTION	FOAM, CO2, DRY MEDIA
SPECIAL PROCEDURES	WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL FIRE EXPOSED CONTAINERS TO PREVENT RUPTURING. UNUSUAL FIRE AND EXPLOSION HAZARDS:

FLASHPOINT (°C) AND METHOD	EXPOSURE TO TEMPERATURE ABOVE 120° F MAY CAUSE BURSTING.
UPPER EXPLOSION LIMIT (% BY VOL.)	NONE
LOWER EXPLOSION LIMIT (% BY VOL.)	NOT APPLICABLE
AUTO-IGNITION TEMPERATURE (°C)	NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS	NOT APPLICABLE
EXPLOSION SENSITIVITY TO CHEM. IMPACT	NOT AVAILABLE

#### SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	AVOID CONTACT WITH STRONG OXIDIZING AGENTS.
REACTIVITY	NONE
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON DIOXIDE, CARBON MONOXIDES.

#### SECTION 6 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT Y/N	Y
ROUTE OF ENTRY EYE CONTACT Y/N	Y
ROUTE OF ENTRY INHALATION Y/N	Y
ROUTE OF ENTRY INGESTION Y/N	Y
EFFECTS OF ACUTE EXPOSURE	EYES: MAY CAUSE MODERATE IRRITATION. SKIN: FREQUENT OR PROLONGED CONTACT MAY CAUSE IRRITATION. MAY AGGRAVATE EXISTING SKIN CONDITIONS. INHALATION: INHALATION OF MIST CAN CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES. ABUSIVE OR EXCESSIVE INHALATION MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT, DIZZINESS, NAUSEA AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS MAY CAUSE PULMONARY INJURY.
EFFECTS OF CHRONIC EXPOSURE	NONE KNOWN
SYNERGISTIC MATERIALS	
CARCINOGENICITY Y/N	N
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENCITY Y/N	N
MUTAGENICITY Y/N	N

#### SECTION 7 PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT	
GLOVES	RUBBER OR LATEX
EYEWEAR	SAFETY GLASSES
FOOTWEAR	AS REQUIRED BY EMPLOYER CODE
CLOTHING	AS REQUIRED BY EMPLOYER CODE
ENGINEERING CONTROLS	GENERAL VENTILATION IS NORMALLY ADEQUATE.
LEAK AND SPILL PROCEDURE	ALLOW PROPELLANT TO EVAPORATE. MAINTAIN LOCAL EXHAUST AND ADEQUATE VENTILATION. NO SMOKING. KEEP SPARKS, HEAT SOURCES AND OPEN FLAME FAR AWAY FROM SPILL OR LEAK. COVER WITH ABSORBENT MATERIAL AND SWEEP UP. WASH AREA TO PREVENT SLIPPING. DISPOSE OF SOAKED ABSORBENT MATERIAL IN ACCORDANCE WITH ALL LAWS

WASTE DISPOSAL	REVIEW FEDERAL, PROVINCIAL AND LOCAL GOVERNMENT REQUIREMENTS PRIOR TO DISPOSAL.
HANDLING PROCEDURES/EQUIPMENT	USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINERS CLOSED WHEN NOT IN USE.
STORAGE REQUIREMENTS	STORE IN A COOL, DRY AREA AWAY FROM HEAT OR OPEN FLAME.

<b>SECTION 8 FIRST AID MEASURES</b>
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SKIN	WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.
EYE	FLUSH WITH LARGE AMOUNTS OF COOL RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING UPPER AND LOWER LIDS OPEN. IF IRRITATION PERSISTS GET MEDICAL ATTENTION IMMEDIATELY.
INHALATION:	REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IMMEDIATELY. IF BREATHING STOPS GIVE ARTIFICIAL RESPIRATION.
INGESTION	DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

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