

MATERIAL SAFETY DATA SHEET CANADA-WHMIS

DATE OF ISSUE: 01/01/2009

PRODUCT: Clearoma

HEALTH.....2

Clearoma Industries

FLAMMABILITY....1

REACTIVITY.....0

FOR INFORMATION CALL: 1-250-491-0740

EMERGENCY: **Your Local Poison Control Center**

ABBREVIATIONS USED: N/Ap – Not Applicable
N/D – Not Determined

N/Av – Not Available
N/E – Not Established

SECTION 1 – IDENTIFICATION AND GENERAL INFORMATION

PRODUCT ID:	Clearoma	CAS NUMBER:	N/Ap
CHEMICAL NAME:	N/Ap	TSCA INVENTORY:	N/Ap
CHEMICAL FAMILY:	Fragrance Compound	SYNONYMS:	N/Ap
MOLECULAR WEIGHT:	N/Ap	MOLECULAR FORMULA:	N/Ap

SECTION 2 – HAZARDOUS INGREDIENT(S)

This compound is a complex mixture of raw materials. Certain of the ingredients may be considered “controlled products” as defined by WHMIS criteria. Those components present at 1% or greater which may influence the hazard potential of this untested mixture are classified as follows:

INGREDIENTS:	
92.30%	Hydroxy Compound
3.20%	Surfactant

SECTION 3 – PHYSICAL DATA

BOILING POINT:	N/D	MELTING POINT:	N/D
SPECIFIC GRAVITY:	.9940 at 25 C	REFRACTIVE INDEX:	N/D
ALCOHOL CONTENT:	N/D	WATER CONTENT:	N/D
VAPOR PRESSURE:	49.202 MM HG	CALCULATED WITH 99% AVAILABLE DATA	
SOLUBILITY IN WATER:	SOLUBLE	PHYSICAL STATE:	LIQUID
APPEARANCE:	GREEN BLUE	CHARACTERISTIC ODOR	

SECTION 4 – FIRE, EXPLOSION AND REACTIVITY DATA

TYPE OF HAZARD:	NONE KNOWN	METHOD USED:	CC
FLASH POINT:	205 F		
LOWER FLAMMABILITY LIMIT:	N/D		
UPPER FLAMMABILITY LIMIT:	N/D		
EXTINGUISHING MEDIA:		Carbon Dioxide, Dry Chemical or Universal-type Foam.	
SPECIAL FIRE FIGHTING PROCEDURES:		Use of self contained breathing apparatus and protective clothing is recommended.	
MATERIALS/CONDITIONS TO AVOID:		NONE KNOWN	

UNUSUAL FIRE, EXPLOSION AND STABILITY HAZARDS:
Sealed containers may build up pressure at high temperatures. Keep containers cool whenever possible.

REACTIVITY DATA:
This product presents no significant reactivity hazard. It is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact or contamination with strong acids, alkalis and/or oxidizing agents.

SECTION 5 – HEALTH HAZARD DATA

This material contains no ingredient(s) present at 0.1% or greater, which is listed as a carcinogen or potential carcinogen by IARC, NTP or OSHA.

AN INGREDIENT IN THIS PROPRIETARY MIXTURE HAS THE FOLLOWING:

EXPOSURE LIMITS:	
OSHA PEL: 400.00 PPM	980.00 MG/M3 VIA INHALE
ACGIH TLV: 400.00 PPM	983.00 MG/M3 VIA INHALE
OSHA STEL: N/E	
ACGIH STEL: 500.00 PPM	1230.00 MG/M3 VIA INHALE

ANIMAL ACUTE TOXICITY DATA:	
ORAL LD50:	Mg/KG
INHALATION LC50:	N/D
DERMAL LD50:	Mg/KG

HEALTH HAZARD (ACUTE AND CHRONIC)
THIS PRODUCT IS A MIXTURE AND HAS NOT BEEN TESTED FOR HEALTH HAZARDS. THE HEALTH HAZARD INFORMATION PRESENTED BELOW IS PROVIDED IN ACCORDANCE WITH 29 CFR 1910.1200 AND IS BASED ON THE TESTING OF INDIVIDUAL COMPONENTS WHICH HAVE BEEN SHOWN TO CAUSE THE FOLLOWING HEALTH EFFECTS WHEN TESTED AT HIGHER CONCENTRATIONS OR AT FULL STRENGTH:

IN ANIMALS:	
INGESTION:	CNS effects Serious health effects, toxic
INHALATION:	NONE KNOWN
SKIN CONTACT:	NONE KNOWN
IRRITATION SKIN:	Irritation
IRRITATION EYE:	Irritation

NOTE: The relevancy of the above effects to humans is unknown.

IN HUMANS:	
INGESTION:	NONE KNOWN

INHALATION:
SKIN CONTACT
IRRITATION SKIN:
IRRITATION EYE:

CNS effects, irritation of throat and lungs.
NONE KNOWN
Irritation
Irritation

NOTE: For additional information see SECTION 11

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

SECTION 6 – EMERGENCY FIRST AID PROCEDURES

EYE CONTACT:

Immediately flush eyes with large quantities of clean water for at least 15 minutes. Call a physician immediately.

SKIN CONTACT:

Remove any contaminated clothing or shoes. Thoroughly wash affected areas with soap and water. Flush with large quantities of clean water. If irritation develops or persists, call a physician.

INHALATION:

Remove to fresh air and contact a physician immediately.

INGESTION:

“DO NOT” induce vomiting. Administer water and call a physician or local Poison Control Center immediately.

SECTION 7 – PERSONAL PROTECTION

EYES:

In general, the use of safety glasses with side-shields is recommended. If the material is to be handled in a manner where splashing may occur, the use of splash goggles or a face shield and goggles is recommended.

RESPIRATORY:

In well-ventilated areas respiratory protection is not normally required. In confined or poorly ventilated areas or if material is toxic by inhalation, the use “NIOSH”-approved respiratory protection is recommended.

EQUIPMENT & APPAREL:

The use of chemical resistance gloves is recommended. Acceptable industrial hygiene practices should be maintained by limiting exposure to the material. Wash immediately before eating or after any contact with the material. Thoroughly wash any contaminated clothing or shoes before reuse.

VENTILATION:

Ventilation, which meets accepted standards, is recommended. Use exhaust fan if necessary.

SECTION 8 – SPILL, LEAK AND WASTE DISPOSAL PROCEDURES

SPILL OR RELEASE:

Contain spilled material. Avoid open flames or other sources of ignition. Avoid inhalation of vapors and contact with skin and eyes. In a confined or poorly ventilated area, the use of “NIOSH” approved respiratory protection is recommended. Cover the spilled material with an inert, non-combustible absorbent material and remove to an approved disposal container. If required, report the spill to appropriate authorities.

DISPOSAL:

Dispose of in accordance with all current applicable local, provincial and federal regulations.

SECTION 9 – STORAGE AND HANDLING

It is recommended that this material be stored in a cool, well-ventilated area away from open flames or other sources of ignition.

When handling this material, good industrial hygiene practices should be followed in order to avoid inhalation and contact with skin and eyes.

SECTION 10 – SARA TITLE III SECTION 313

This substance contains no materials subject to the reporting requirements of SARA TITLE III SECTION 313.

SECTION 11 – ADDITIONAL INFORMATION

Regarding Flammability, all figures in this report are in reference to a base strength solution of Clearoma. Due to the mixture ratios of the finished product, the effects of these materials would be presumed to be mitigated in the mixture.

Regarding Health Hazards, all figures in this report are in reference to a base strength solution of Clearoma. Due to the mixture ratios of the finished product, the effects of these materials would be presumed to be mitigated in the mixture.

THIS MATERIAL SAFETY DATA SHEET IS INTENDED TO MEET THE SPECIFIC REQUIREMENTS OF 29 CFR 1910.1200 AND SHOULD BE USED ACCORDINGLY. WHILE THE INFORMATION HAS BEEN OBTAINED FROM SOURCES BELIEVED TO BE ACCURATE AND RELIABLE, NO WARRANTY, EXPRESSED OR IMPLIED, CAN BE MADE WITH REGARD TO ITS COMPLETENESS, CORRECTNESS OR ACCURACY. ANY USERS OR HANDLERS OF THIS PRODUCT WHO ARE NOT UNDER THE DIRECT CONTROL OF Clearoma Industries ARE RESPONSIBLE FOR EVALUATING THIS INFORMATION IN LIGHT OF THEIR PARTICULAR SITUATION AND ARE RESPONSIBLE FOR ALL LOSSES, DAMAGES OR EXPENSES THAT RESULT WHILE THIS MATERIAL IS UNDER THEIR CONTROL. IT IS ALSO THE RESPONSIBILITY OF THE USERS AND HANDLERS TO OBSERVE ANY AND ALL LAWS AND REGULATIONS (FEDERAL, STATE AND LOCAL) CONCERNING THE TRANSPORTATION, USE, HANDLING, STORAGE AND DISPOSAL OF THIS PRODUCT.