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# MATERIAL SAFETY DATA SHEET

## DREAMSICLE

### SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION  
HMIS

WHMIS CLASS A, B5, D2B  
HEALTH 1, FLAMMABILITY 4, REACTIVITY 0,  
PERSONAL PROTECTION A  
MIXTURE  
NOT APPLICABLE  
ODOUR COUNTERACTANT

CHEMICAL FORMULA  
MOLECULAR WEIGHT  
MATERIAL USE

### SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

LIQUEFIED PETROLEUM GAS  
10-45  
68476-85-7  
TWA: 1000 CEIL: 1250 (PPM) TWA: 1800 CEIL: 2250 (MG/M<sup>3</sup>)  
NOT AVAILABLE

HAZARDOUS INGREDIENT  
APPROX. CONCENTRATION %  
CAS  
EXPOSURE LIMITS  
LD50/LC50/SPECIES/ROUTE

D'LIMONENE  
1-15  
5989-27-5  
NOT AVAILABLE  
ORAL (LD50) MG/KG: ACUTE: 4400 (RAT)

### SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE  
ODOUR AND APPEARANCE  
ODOUR THRESHOLD (PPM)  
SPECIFIC GRAVITY  
VAPOUR PRESSURE (MM)  
VAPOUR DENSITY (AIR =1)  
EVAPORATION RATE  
BOILING POINT (°C)

AEROSOL  
ORANGE/VANILLA ODOUR, CLEAR LIQUID  
NOT AVAILABLE  
0.86  
NOT DETERMINED  
HEAVIER THAN AIR  
NOT DETERMINED  
THE LOWEST KNOWN VALUE IS 154.44°C (310°F) (D-  
LIMONENE)  
NOT DETERMINED  
INSOLUBLE  
100  
NOT AVAILABLE

FREEZING POINT (°C)  
SOLUBILITY IN WATER (20°C)  
% VOLATILE (BY VOL.)  
PH

### SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY  
MEANS OF EXTINCTION

FLAMMABLE  
EXTREMELY FLAMMABLE AEROSOL, LIQUID IS INSOLUBLE IN  
WATER. SMALL FIRE: USE DRY CHEMICALS, CO2, FOAM OR  
WATER FOG. LARGE FIRE: USE FOAM OR WATER FOG. COOL

SPECIAL PROCEDURES	CONTAINING VESSELS WITH WATER JET IN ORDER TO PREVENT PRESSURE BUILD-UP, AUTOIGNITION OR EXPLOSION. AVOID SPREADING BURNING LIQUID WITH WATER USED TO COOL CONTAINERS.
FLASHPOINT (°C) AND METHOD	SELF-CONTAINED RESPIRATORY PROTECTION SHOULD BE PROVIDED FOR FIREFIGHTERS.
UPPER EXPLOSION LIMIT (% BY VOL.)	THE LOWEST KNOWN VALUE IS CLOSED CUP: 46.11°C (115°F). (TAGLIABUE) (D-LIMONENE)
LOWER EXPLOSION LIMIT (% BY VOL.)	6.1
HAZARDOUS COMBUSTION PRODUCTS	0.7
EXPLOSION SENSITIVITY TO CHEM. IMPACT	THESE PRODUCTS ARE CARBON OXIDES (CO, CO <sub>2</sub> ) AND OTHER IRRITATING GASES.
	RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF MECHANICAL IMPACT.

#### SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	AVOID CONTACT WITH STRONG OXIDIZING AGENTS AND IODINE PENTAFLUORIDE.
HAZARDOUS DECOMPOSITION PRODUCTS	THESE PRODUCTS ARE ACRID SMOKE, FUMES, CARBON DIOXIDE AND CARBON MONOXIDE.

#### 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	EYE CONTACT: MAY CAUSE IRRITATION, REDNESS, ITCHING AND TEARING. SKIN CONTACT: MAY CAUSE IRRITATION, DEFATTING, DRYING AND CRACKING OF SKIN. INHALATION: VAPOURS MAY BE IRRITATING TO NOSE, THROAT AND RESPIRATORY TRACT. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION. HARMFUL IF SWALLOWED.
EFFECTS OF CHRONIC EXPOSURE	PROLONGED OR REPEATED SKIN CONTACT MAY LEAD TO DERMATITIS.
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	N
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENCITY Y/N	N
MUTAGENICITY Y/N	N

#### SECTION 7 PREVENTIVE MEASURES

GLOVES	IMPERVIOUS GLOVES
EYEWEAR	SAFETY GLASSES
FOOTWEAR	AS REQUIRED BY EMPLOYER CODE
CLOTHING	AS REQUIRED BY EMPLOYER CODE
ENGINEERING CONTROLS	GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.
LEAK AND SPILL PROCEDURE	VENTILATE AREA AND ELIMINATE ALL SOURCES OF IGNITION. KEEP AWAY FROM HEAT. ABSORB WITH AN INERT MATERIAL AND PUT THE SPILLED MATERIAL IN AN APPROPRIATE WASTE DISPOSAL CONTAINER.
WASTE DISPOSAL	CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.
STORAGE REQUIREMENTS	KEEP IN A COOL WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT PUNCTURE, INCINERATE,

STORE THE CONTAINER AT TEMPERATURES ABOVE 49<sup>0</sup>C (120<sup>0</sup>F) OR IN DIRECT SUNLIGHT.

**SECTION 8 FIRST AID MEASURES**

SKIN	WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. COMPLETELY DECONTAMINATE CLOTHING, SHOES AND LEATHER GOODS BEFORE REUSE OR DISCARD.
EYE	IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES, KEEPING EYELIDS OPEN. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.
INHALATION	REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS, IS RAPIDLY LOSING CONSCIOUSNESS OR IS CONVULSING. SEEK IMMEDIATE MEDICAL ATTENTION.

*VALIDATED BY YORK CHEMICAL TECHNOLOGIES INC ON 30/04/2010.*

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