MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: CITRALENE AEROSOL
Product Use: PRESSURIZED CITRUS BASED CLEANER
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7

Telephone Number: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	OSHA PEL	ACGIH TLV
Carbon Dioxide	124-38-9	1 – 10 %	10,000 ppm	5000 ppm
d-Limonene	5989-27-5	> 90 %	Not established.	Not established.

SECTION III - PHYSICAL DATA

Physical State: LIQUID Specific gravity: 0.841 - .846 pH: Not available.
Odour and appearance: CLEAR COLOURLESS LIQUID, CITRUS ODOUR
Odour threshold: Not available.
Vapour pressure (mmHg): Not available. Vapour density (air = 1): 4.70 (d- Limonene)
Evaporation rate (water = 1): > 1. % volatile by volume: > 90%.
Solubility in water: INSOLUBLE.
Boiling Point (C^0): Not available. Freezing Point (C^0): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: YES
Flash Point and method: 68 ^{0}C (CLOSED CUP)
Upper flammable limit: 6.1
Lower flammable limit: 0.7
Autoignition temperature: Not available
Flammability classification: NFPA 30B Rating: 3
Conditions of flammability: KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. CONTENTS UNDER PRESSURE. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 ^{0} C AS CONTAINERS MAY BURST. Means of extinction: FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special fire fighting procedures: COOL FIRE EXPOSED CONTAINERS WITH WATER FOG. FIRE FIGHTERS SHOULD BE PROTECTED WITH FULL PROTECTIVE GEAR INCLUDING SELF CONTAINED BREATHING APPARATUS.
Hazardous combustion products: CARBON MONOXIDE, CARBON DIOXIDE.
Sensitivity to mechanical impact: NOT SENSITIVE
Sensitivity to static discharge: NOT SENSITIVE

SECTION V - REACTIVITY DATA

Is the product stable: YES
Incompatible substances: STRONG OXIDIZING AND ACIDIC AGENTS, PEROXIDES, HALOGENS, VINYL CHLORIDE AND IODINE PENTAFLUORIDE.
Conditions of Reactivity: HEAT, SPARKS AND OPEN FLAMES, TEMPERATURES ABOVE 50 ^{0} C.
Hazardous decomposition products: CO, CO_2 .

PRODUCT IDENTIFIER: CITRALENE AEROSOL

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION. INGESTION IS UNLIKELY.
Exposure Limits: Not established for this product.
Irritant: YES
Carcinogen: NO - IARC / OSHA / NTP
Sensitizer: YES – d'LIMONENE IS A POTENTIAL SKIN SENSITIZER.
Mutagen: NO
Reproductive effects: NONE KNOWN
Synergistic products: NONE KNOWN
Effects of acute exposure: MAY CAUSE MODERATE TO HIGH EYE IRRITATION, TEARING AND REDNESS. INHALATION MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION, COUGHING AND HEADACHE. INGESTION WILL CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.
Effects of chronic exposure: PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION.

SECTION VII - PREVENTION MEASURES

Gloves: **CHEMICAL RESISTANT**	Respirator: **NONE REQUIRED FOR NORMAL USE.**	Eye protection: **SAFETY GLASSES or CHEMICAL GOGGLES.**
Footwear: **NO SPECIAL REQUIREMENTS.**	Clothing: **TO PREVENT SKIN CONTACT**	Other requirements: **EYE WASH STATION**

Engineering Controls: MAINTAIN ADEQUATE VENTILATION.
Respiratory protection: DO NOT BREATHE VAPOURS OR SPRAY MISTS.
Leak or spill procedures: VENTILATE AREA AND REMOVE SOURCES OF IGNITION. SOAK UP ON INERT ABSORBENT MATERIAL AND PLACE IN A LABELED CLOSED CONTAINER FOR DISPOSAL.
Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES. DISPOSE OF CANS IN NON-INCINERATED TRASH ONLY.
Handling and storage requirements: STORE IN A COOL, DRY PLACE AWAY FROM HEAT AND OPEN FLAME. KEEP OUT OF THE REACH OF CHILDREN. DO NOT PUNCTURE OR INCINERATE CONTAINERS.
Special shipping information: CONSUMER COMMODITY

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS WITH COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
Skin: REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE RE-USE. WASH WITH SOAP AND WATER.
Ingestion: CALL A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER, THEN DRINK ONE GLASS OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Inhalation: REMOVE PERSON TO FRESH AIR. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET.
Prepared by: SHARE CANADA
Telephone: 1-204-633-8553
Preparation date: October 20, 2011