

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

Product Identifier: CITRALENE AEROSOL  
Recommended Use: AEROSOL CLEANER  
Restrictions on Use: INDUSTRIAL USE ONLY  
Supplier: SHARE CANADA  
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7  
Telephone Number: (204) 633-8553 Fax: (204) 633-8453  
Emergency telephone number: CANUTEC: (613) 996-6666

## SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: FLAMMABLE AEROSOL 1, ASPIRATION TOXIC 1

Hazard Pictograms:



Signal word: DANGER  
Hazard statement(s): EXTREMELY FLAMMABLE AEROSOL  
MAY BE FATAL IF SWALLOWED OR ENTERS AIRWAYS.

Precautionary statements:

KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES, HOT SURFACES. – NO SMOKING  
DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE  
PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN, EVEN AFTER USE  
IF SWALLOWED IMMEDIATELY CALL A POISON CENTRE, A DOCTOR. DO NOT INDUCE VOMITING  
IF ON SKIN, RINSE SKIN WITH WATER SHOWER. IF SKIN IRRITATION OR RASH OCCURS, GET  
MEDICAL ADVICE / ATTENTION  
IF INHALED, REMOVE PERSON TO FRESH AIR AND CONSULT A DOCTOR / POISON CONTROL  
CENTRE IN CASE OF RESPIRATORY PROBLEMS  
IF IN EYES, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT  
LENSES IF EASY TO DO SO. CONTINUE RINSING. IF EYE IRRITATION PERSISTS, GET MEDICAL  
ADVICE / ATTENTION  
PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 C  
DISPOSE OF CONTENTS / CONTAINERS TO COMPLY WITH LOCAL / REGIONAL / NATIONAL /  
INTERNATIONAL REGULATIONS

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %
(+) LIMONENE	5989-27-5	60 – 100 %
CARBON DIOXIDE	124-38-9	1 – 5 %

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#### SECTION 4 – FIRST AID MEASURES

First-aid measures general: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE. (SHOW LABEL WHERE POSSIBLE)

First-aid measures after inhalation: IF BREATHING IS DIFFICULT, REMOVE PERSON TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. CALL A POISON CENTRE OR DOCTOR / PHYSICIAN IF YOU FEEL UNWELL.

First-aid measures after skin contact: WASH WITH PLENTY OF WATER. SOAP MAY BE USED. IF SKIN RASH OCCURS, GET MEDICAL ADVICE / ATTENTION.

First-aid measures after eye contact: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO SO. CONTINUE RINSING. IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE / ATTENTION.

First-aid measures after ingestion: RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING. IMMEDIATELY CALL A POISON CONTROL CENTRE OR DOCTOR / PHYSICIAN.

Most important symptoms and effects, both acute and delayed: Symptoms / injuries after inhalation: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE.

Symptoms / injuries after inhalation: EXPOSURE TO HIGH CONCENTRATIONS MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. HEADACHE.

Symptoms / injuries after skin contact: MAY CAUSE ALLERGIC SKIN REACTION.

Symptoms / injuries after eye contact: DIRECT CONTACT WITH THE EYES IS LIKELY IRRITATING.

Symptoms / injuries after ingestion: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. RISK OF ASPIRATION PNEUMONIA. NAUSEA. GASTROINTESTINAL COMPLAINTS. VOMITING.

Indication of any immediate medical attention and special treatment needed: TREAT SYMPTOMATICALLY.

#### SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: FOAM, CARBON DIOXIDE, DRY CHEMICAL POWDER.

Unsuitable extinguishing media: DO NOT USE EXTINGUISHING MEDIA CONTAINING WATER.

Special hazards arising from the substance or mixture:

Fire hazard: EXTREMELY FLAMMABLE AEROSOL.

Explosion hazard: BURSTING AEROSOL CONTAINERS MAY BE PROPELLED FROM FIRE AT HIGH SPEED.

Reactivity: ON COMBUSTION: CARBON MONOXIDE AND CARBON DIOXIDE ARE FORMED.

Advice for firefighters:

Firefighting instructions: EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. IN CASE OF FIRE: EVACUATE AREA. FIGHT FIRE REMOTELY DUE TO THE RISK OF EXPLOSION. USE WATER SPRAY OR FOG FOR COOLING EXPOSED CONTAINERS. TAKE ACCOUNT OF ENVIRONMENTALLY HAZARDOUS FIREFIGHTING WATER.

Protection during firefighting: DO NOT ENTER THE FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING RESPIRATORY PROTECTION.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures;

General measures: NO FLAMES, NO SPARKS. ELIMINATE ALL SOURCES OF IGNITION.

For non-emergency personnel:

Protective equipment: DO NOT ENTER WITHOUT APPROPRIATE PROTECTIVE EQUIPMENT.

For emergency responders:

Protective equipment: PROTECTIVE GOGGLES. GLOVES. PROTECTIVE CLOTHING.

Emergency procedures: EVACUATE UNNECESSARY PERSONNEL. AVOID CONTACT WITH SKIN EYES AND CLOTHING. VENTILATE SPILLAGE AREA.

Environmental precautions: AVOID RELEASE TO THE ENVIRONMENT. PREVENT ENTRY TO SEWERS AND PUBLIC WATERS.

Methods and material for containment and cleaning up: CONTAIN RELEASED SUBSTANCE. PUMP INTO SUITABLE CONTAINERS. .

Methods for cleaning up: THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY, AND AS PER LOCAL LEGISLATION.

Reference to other sections: NO ADDITIONAL INFORMATION AVAILABLE.

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## SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN EVEN AFTER USE. COMPLY WITH LEGAL REQUIREMENTS. . KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.

Hygiene measures: WASH THOROUGHLY AFTER HANDLING. CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. CONTAMINATED CLOTHING BEFORE REUSE.

Conditions for safe storage, including any incompatibilities:

Technical measures: COMPLY WITH APPLICABLE REGULATIONS. PROPER GROUNDING PROCEDURES TO AVOID STATIC ELECTRICITY SHOULD BE FOLLOWED.

Storage conditions: STORE IN A WELL-VENTILATED PLACE. KEEP COOL. STORE LOCKED UP. .

Incompatible products: OXIDIZING AGENTS,

Incompatible materials: SOURCES OF IGNITION. HEAT SOURCES.

Storage area: STORE AWAY FROM HEAT. STORE IN A COOL AREA. STORE IN A DRY AREA. STORE IN A WELL-VENTILATED PLACE.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: CARBON DIOXIDE 124-38-9 ACGIH TLV 5000 ppm

Exposure controls: ENSURE GOOD VENTILATION OF THE WORK STATION.

Personal protective equipment: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY. GLOVES, SAFETY GLASSES/ PROTECTIVE GOGGLES. PROTECTIVE CLOTHING.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	LIQUID
Colour and appearance:	AEROSOL, CLEAR COLOURLESS LIQUID
Odour:	CITRUS SCENT.
Odour threshold:	NO DATA AVAILABLE
pH:	NO DATA AVAILABLE
Melting point:	NO DATA AVAILABLE
Freezing point:	NO DATA AVAILABLE
Boiling point:	NO DATA AVAILABLE
Flash point:	50° C. CLOSED CUP
Relative evaporation rate (butyl acetate = 1	NO DATA AVAILABLE
Flammability (solid, gas):	NO DATA AVAILABLE
Explosive properties:	NO DATA AVAILABLE
Oxidizing properties:	NO DATA AVAILABLE
Vapour pressure:	NO DATA AVAILABLE
Relative density:	NO DATA AVAILABLE
Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	0.84 g / mL
Solubility:	INSOLUBLE IN WATER
Log Pow:	NO DATA AVAILABLE
Log Kow:	NO DATA AVAILABLE
Auto-ignition temperature:	NO DATA AVAILABLE
Decomposition temperature:	NO DATA AVAILABLE
Viscosity:	NO DATA AVAILABLE
Viscosity, kinematic:	<=20 cSt
Viscosity, dynamic:	NO DATA AVAILABLE
VOC content.	> 90 %

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## SECTION 10 - STABILITY AND REACTIVITY

Reactivity: ON COMBUSTION: CARBON MONOXIDE AND CARBON DIOXIDE ARE FORMED.

Chemical stability: NO ADDITIONAL INFORMATION.

Possibility of hazardous reactions: ON COMBUSTION: CO AND CO2 ARE FORMED.

Conditions to avoid: AEROSOL CONTAINERS ARE UNSTABLE AT TEMPERATURES ABOVE 49° C.

AVOID TEMPERATURES EXCEEDING THE FLASHPOINT. HEAT. OPEN FLAME. SPARKS. WELDING

Incompatible materials: NO ADDITIONAL INFORMATION.

Hazardous decomposition products: UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.

## SECTION 11 – TOXICOLOGICAL INFORMATION

(+) LIMONENE (5989-27-5) LD 50 oral rat 4400 mg/kg body weight  
LD 50 dermal rabbit > 5000 mg/kg body weight  
ATE CLP (oral) 4400.000 mg/kg body weight

Acute toxicity: NOT CLASSIFIED.

Skin corrosion/irritation: CAUSES SKIN IRRITATION.

Serious eye damage/irritation: NOT CLASSIFIED.

Respiratory or skin sensitization: MAY CAUSE AN ALLERGIC SKIN REACTION

Germ cell mutagenicity: NOT CLASSIFIED

Carcinogenicity: (+) LIMONENE IARC GROUP 3 – NOT CLASSIFIABLE

Reproductive toxicity: NOT CLASSIFIED

Specific target organ toxicity (single exposure): NOT CLASSIFIED

Specific target organ toxicity (repeated exposure): NOT CLASSIFIED

Aspiration hazard: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS

Symptoms / injuries after inhalation: EXPOSURE TO HIGH CONCENTRATIONS MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. HEADACHE.

Symptoms / injuries after skin contact: MAY CAUSE AN ALLERGIC SKIN REACTION. REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

Symptoms / injuries after eye contact: DIRECT CONTACT WITH EYES IS LIKELY IRRITATING.

Symptoms /injuries after ingestion: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAY. RISK OF ASPIRATION PNEUMONIA. NAUSEA. GASTROINTESTINAL COMPLAINTS, VOMITING.

## SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE

Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE

Bioaccumulation potential: NO ADDITIONAL INFORMATION AVAILABLE

## SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations: DISPOSE OF CONTENTS / CONTAINERS TO COMPLY WITH LOCAL / REGIONAL / NATIONAL / INTERNATIONAL REGULATIONS

## SECTION 14 – TRANSPORT INFORMATION

T.D.G. Shipping Name: AEROSOLS, FLAMMABLE

Class: 2.1

UN Number: UN 1950

Packing Group: Not applicable.

Limited quantity exemption: CONTAINER UNDER 1 LITRE.

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**SECTION 15 - REGULATORY INFORMATION**

**THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015**

**SECTION 16 - OTHER INFORMATION**

**Information Sources: SUPPLIER'S SDS**  
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