

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

Product Identifier: CITRASOLVE AEROSOL  
Recommended Use: AEROSOL SOLVENT  
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 (H222),  
SKIN IRRITATION 2 H315. EYE IRRITATION 2A H319 SKIN SENSITIZATION 1B (H317).

Symbols:



Signal word: DANGER  
Hazard statement(s): EXTREMELY FLAMMABLE AEROSOL. CONTENTS UNDER PRESSURE. MAY EXPLODE IF HEATED. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

Precautionary statements:

KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAME. NO SMOKING  
DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE  
PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN, EVEN AFTER USE  
AVOID BREATHING MIST, VAPOURS OR SPRAY.  
CONTAMINATED CLOTHING MUST NOT BE ALLOWED OUT OF THE WORK AREA.  
AVOID RELEASE TO THE ENVIRONMENT  
WEAR PROTECTIVE GLOVES  
WASH CONTAMINATED CLOTHING BEFORE RE-USE  
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 %
D'LIMONENE	5989-27-5	70 - 90 %

## 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 COMFORTABLE FOR BREATHING. CALL A POISON CENTRE OR DOCTOR / PHYSICIAN IF YOU FEEL UNWELL.

First-aid measures after skin contact: TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE RE-USE. WASH WITH PLENTY OF WATER. IF SKIN IRRITATION OR 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.

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#### **SECTION 4 – FIRST AID MEASURES (continued)**

Most important symptoms and effects, both acute and delayed:

Symptoms / injuries: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE.

Symptoms / injuries after inhalation: NONE UNDER NORMAL USE.

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

Symptoms / injuries after eye contact: NONE UNDER NORMAL CONDITIONS.

Symptoms / injuries after ingestion: NONE UNDER NORMAL CONDITIONS.

Indication of any immediate medical attention and special treatment needed: TREAT SYMPTOMATICALLY. KEEP WATCHING THE VICTIM. SYMPTOMS MAY BE DELAYED.

#### **SECTION 5 – FIRE FIGHTING MEASURES**

Suitable extinguishing media: FOAM, CARBON DIOXIDE, DRY CHEMICAL POWDER, WATER FOG. DO NOT USE WATER JET SINCE IT MAY CAUSE FIRE TO SPREAD.

Special hazards arising from the substance or mixture:

Fire hazard: MAY LIBERATE TOXIC GASES. EXTREMELY FLAMMABLE AEROSOL.

Explosion hazard: CONTAINS GAS UNDER PRESSURE. MAY EXPLODE IF HEATED.

Reactivity: UPON COMBUSTION CO AND CO<sub>2</sub> 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 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 FIRE AREA WITHOUT SUITABLE PROTECTIVE EQUIPMENT.

#### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures:

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

ISOLATE FROM FIRE, IF POSSIBLE, WITHOUT UNNECESSARY RISK. VAPOURS MAY TRAVEL LONG DISTANCES ON GROUND BEFORE IGNITING /FLASHING BACK TO VAPOUR SOURCE.

For non-emergency personnel:

PROTECTIVE GOGGLES, GLOVES, PROTECTIVE CLOTHING. EVACUATE UNNECESSARY PERSONNEL. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. VENTILATE SPILLAGE AREA.

For emergency responders:

EQUIP CLEANUP CREW WITH PROPER PROTECTION. STOP LEAK IF SAFE TO DO SO. STOP RELEASE. VENTILATE AREA.

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

Methods and material for containment and cleaning up:

For containment: CONTAIN RELEASED PRODUCT, COLLECT/PUMP INTO SUITABLE CONTAINERS. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY AS PER LOCAL LEGISLATION.

Reference to other sections: NO ADDITIONAL INFORMATION AVAILABLE.

#### **SECTION 7 – HANDLING AND STORAGE**

Precautions for safe handling: DO NOT PIERCE OR BURN EVEN AFTER USE. DO NOT USE IF SPRAY BUTTON IS DEFECTIVE. COMPLY WITH LEGAL REQUIREMENTS. 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 HANDLING THIS PRODUCT. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

HANDLE AND OPEN CONTAINER WITH CARE. KEEP AWAY FROM SOURCES OF IGNITION. NO SMOKING. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE. USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.

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### SECTION 7 – HANDLING AND STORAGE (continued)

Hygiene measures: WASH THOROUGHLY AFTER HANDLING, CONTAMINATED CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORK AREA. WASH CONTAMINATED CLOTHING BEFORE RE-USE.

Conditions for safe storage, including any incompatibilities:

Technical measures: COMPLY WITH APPLICABLE REGULATIONS. PROPER GROUNDING PROCEDURES TO AVOID STATIC ELECTRICITY SHOULD BE FOLLOWED. DO NOT PUNCTURE, INCINERATE OR CRUSH.

Incompatible products: OXIDIZING AGENTS, STRONG ACIDS.

Incompatible materials: SOURCES OF IGNITION. PRESSURIZED CONTAINER. PROTECT FROM SUNLIGHT and DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 ° C.

Storage area: STORE AWAY FROM HEAT. STORE IN A COOL AREA. STORE IN A WELL-VENTILATED PLACE. KEEP LOCKED UP. AEROSOL 3.

Special rules on packaging: KEEP ONLY IN ORIGINAL CONTAINER. MEET LEGAL REQUIREMENTS.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

D'LIMONENE

5989-27-5

NOT APPLICABLE

Exposure controls:

Appropriate engineering controls: ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED SPACES. IF EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED, MAINTAIN AIRBORNE LEVELS TO AN ACCEPTABLE LEVEL. EMERGENCY EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY.

Personal protective equipment: GLOVES, PROTECTIVE GOGGLES, PROTECTIVE CLOTHING.



WHEN USING DO NOT SMOKE. KEEP AWAY FROM FOOD AND DRINK. USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS AND OTHER EXPOSED AREAS WITH MILD SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING AND WHEN LEAVING WORK. TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE RE-USE.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	AEROSOL
Colour and appearance:	COLOURLESS TO PALE YELLOW LIQUID
Odour:	CITRUS SCENT.
Odour threshold:	NO DATA AVAILABLE
pH:	NO DATA AVAILABLE
Melting point:	
Freezing point:	NO DATA AVAILABLE
Boiling point:	NO DATA AVAILABLE
Flash point:	- 104.44 ° C PROPELLANT (ESTIMATED)
Relative evaporation rate (butyl acetate = 1	<0.8
Flammability (solid, gas):	1 – 6.8 (ESTIMATED)
Explosive properties:	NO DATA AVAILABLE
Oxidizing properties:	NO DATA AVAILABLE
Vapour pressure:	30 – 45 psig @ 70 ° F (ESTIMATED)
Relative density:	0.87 – 0.91

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES (continued)

Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	0.7583 g/ml (ESTIMATED)
Solubility:	NO DATA AVAILABLE
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.	> 85 %

## SECTION 10 - STABILITY AND REACTIVITY

Reactivity: UPON COMBUSTION, CARBON MONOXIDE, CARBON DIOXIDE ARE FORMED.  
Chemical stability: STABLE UNDER NORMAL CONDITIONS. RISK OF IGNITION.  
Possibility of hazardous reactions: NO DANGEROUS REACTIONS KNOWN UNDER NORMAL CONDITIONS OF USE. HAZARDOUS POLYMERIZATION DOES NOT OCCUR.  
Conditions to avoid: HEAT, OPEN FLAME, SPARKS. AEROSOL CONTAINERS MAY BE UNSTABLE AT TEMPERATURES ABOVE 49 ° C. AVOID TEMPERATURES EXCEEDING THE FLASH POINT.  
Incompatible materials: STRONG OXIDIZING AGENTS, NITRATES, FLUORINE, CHLORINE.  
Hazardous decomposition products: UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.

## SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: NOT CLASSIFIED.  
Information on toxicological effects:

D-LIMONENE 5989-27-5	LD oral rat >2000 mg/kg body weight (OECD 423: acute oral toxicity- Acute Toxic Class Method, rat female Experimental value, Oral, 14 days LD50 dermal rabbit > 5000 mg/kg body weight (Equivalent or similar to OECD 402, 24 hr, Rabbit, Read-across, Dermal, 7 days)
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Skin corrosion/irritation:	NOT CLASSIFIED
Serious eye damage/irritation:	NOT CLASSIFIED
Respiratory or skin sensitization:	MAY CAUSE AN ALLERGIC SKIN REACTION.
Germ cell mutagenicity:	NOT CLASSIFIED.
Carcinogenicity:	D-LIMONENE 5989-27-5 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: NOT CLASSIFIED.  
Symptoms / injuries after inhalation: NONE UNDER NORMAL USE.  
Symptoms / injuries after skin contact: MAY CAUSE AN ALLERGIC SKIN REACTION.  
Symptoms / injuries after eye contact: CAUSES EYE IRRITATION.  
Symptoms /injuries after ingestion: NONE UNDER NORMAL CONDITIONS.  
Likely routes of exposure: INHALATION, SKIN AND EYE CONTACT.

## SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE.  
Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE.  
Bioaccumulation potential: NO ADDITIONAL INFORMATION AVAILABLE.

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### SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations: DISPOSE OF IN A SAFE MANNER IN ACCORDANCE WITH LOCAL / NATIONAL REGULATIONS. HANDLE EMPTY CONTAINERS AS FULL ONES. DO NOT REUSE EMPTY CONTAINERS.

### 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.

### 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  
Prepared by: SHARE CANADA  
Telephone: 1-204-633-8553  
Latest revision date: MAY 31, 2024