

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: CITRASOLVE AEROSOL
Recommended Use: NATURAL SOLVENT 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, SKIN IRRITANT, SKIN SENSITIZER. ASPIRATION TOXIC.

Symbols:



Signal word: DANGER
Hazard statement(s): EXTREMELY FLAMMABLE AEROSOL MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

Precautionary statements:

KEEP AWAY FROM SPARKS, OPEN FLAME, HOT SURFACES, HEAT. 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 GAS, MIST, VAPOURS OR SPRAY
WASH THOROUGHLY AFTER HANDLING
CONTAMINATED CLOTHING MUST NOT BE ALLOWED OUT OF THE WORK AREA
WEAR PROTECTIVE GLOVES, PROTECTIVE CLOTHING, FACE PROTECTION, EYE PROTECTION
IF SWALLOWED IMMEDIATELY CALL A POISON CENTRE, A DOCTOR. DO NOT INDUCE VOMITING
IF ON SKIN, WASH WITH PLENTY OF WATER
IF SKIN OR RASH IRRITATION OCCURS, GET MEDICAL ADVICE / ATTENTION
TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE RE-USE
IF INHALED, REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING
STORE LOCKED UP
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 | 94266-47-4 | 60 - 80 % |
| PROPANE | 74-98-6 | 10 - 20 % |
| BUTANE | 106-97-8 | 2,5 - 10 % |
| UNDECETH - 5 | 34398-01-1 | 1.25 - 2.5 % |
| ALCOHOL ETHOXYLATE | 68439-46-3 | 1.25 - 2.5 % |
| ALCOHOLS, C 12 - 13, ETHOXYLATED | 66455-14-9 | 0.1 - 1 |

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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 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 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: DO NOT INDUCE VOMITING. IMMEDIATELY CALL A POISON CONTROL CENTRE OR DOCTOR / PHYSICIAN.

Most important symptoms and effects, both acute and delayed:

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

Symptoms / injuries after inhalation: IRRITATION OF THE RESPIRATORY TRACT. COUGHING. HEADACHE.

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

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

Symptoms / injuries after ingestion: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. RISK OF ASPIRATION PNEUMONIA. NAUSEA, CRAMPS / UNCONTROLLED MUSCULAR CONTRACTIONS. DIARRHEA.

Indication of any immediate medical attention and special treatment needed: NO ADDITIONAL INFORMATION AVAILABLE.

SECTION 5 – FIRE FIGHTING MEASURES

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

Special hazards arising from the substance or mixture:

Reactivity: REACTS WITH (STRONG) OXIDIZERS. REACTS WITH (SOME) ACIDS. REACTS WITH (SOME) HALOGEN COMPOUNDS. UPON COMBUSTION CO AND CO2 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. EVACUATE UNNECESSARY PERSONNEL. ISOLATE FROM FIRE, IF POSSIBLE, WITHOUT UNNECESSARY RISK. GAS IS DENSER THAN AIR. MAY ACCUMULATE IN LOW AREAS, E.G. CLOSE TO THE GROUND.

For non-emergency personnel:

NO ADDITIONAL INFORMATION AVAILABLE.

For emergency responders:

NO ADDITIONAL INFORMATION AVAILABLE.

Methods and material for containment and cleaning up: NO ADDITIONAL INFORMATION AVAILABLE.

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. 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 OR OPEN CONTAINER WITH CARE. KEEP AWAY FROM SOURCES OF IGNITION. NO SMOKING. USE EXPLOSION – PROOF EQUIPMENT. USE ONLY NON SPARKING TOOLS. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.

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 STATICE ELECTRICITY SHOULD BE FOLLOWED.

Storage conditions: STORE LOCKED UP.

Incompatible products: OXIDIZING AGENTS, STRONG OXIDIZERS.

Incompatible materials: SOURCES OF IGNITION

Heat and ignition sources: KEEP AWAY FROM IGNITION SOURCES, HEAT SOURCES.

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

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

PROPANE ACGIH TWA (ppm) 1000 ppm

OSHA PEL TWA (ppm) 1000 ppm

BUTANE ACGIH TWA (ppm) 1000 ppm,

ACGIH STEL (ppm) 1000 ppm,

Exposure controls: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY.

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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-----------------------------------|
| Physical state: | GAS |
| Colour and appearance: | AEROSOL |
| Odour: | CITRUS SCENT. |
| Odour threshold: | NO DATA AVAILABLE |
| pH: | NO DATA AVAILABLE |
| Melting point: | NO DATA AVAILABLE |
| Freezing point: | NO DATA AVAILABLE |
| Boiling point: | 125 ° C |
| Flash point: | - 144 ° C |
| Relative evaporation rate (butyl acetate = 1 | NO DATA AVAILABLE |
| 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: | NO DATA AVAILABLE |
| 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 |

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES (continued)

| | |
|-----------------------|-------------------|
| Viscosity: | NO DATA AVAILABLE |
| Viscosity, kinematic: | < 20 cSt |
| Viscosity, dynamic: | NO DATA AVAILABLE |
| VOC content. | 90 % |

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: REACTS WITH (STRONG) OXIDIZERS, REACTS WITH (SOME) ACIDS. REACTS WITH (STRONG) UPON COMBUSTION, CARBON MONOXIDE, CARBON DIOXIDE ARE FORMED.

Chemical stability: NO ADDITIONAL INFORMATION AVAILABLE.

Possibility of hazardous reactions: SEE ABOVE.

Conditions to avoid: NO ADDITIONAL INFORMATION AVAILABLE.

Incompatible materials: NO ADDITIONAL INFORMATION AVAILABLE.

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:

ALCOHOL EXOTHYLATE C.A.S. # 68439-46-3LD 50 oral / rat > 1400 mg/kg (ESTIMATED)

LD 50 dermal/ rabbit > 5000 mg/kg body weight ATE CLP 1400.000 mg/kg body weight

UNDECETH – 5 OIL C.A.S. # 34398- 01-1 LD 50 oral / rat >1400 mg/kg

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: NOT CLASSIFIED.

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: IRRITATION OF RESPIRATORY TRACT. COUGHING, HEADACHE.

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

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. CRAMPS / UNCONTROLLED MUSCULAR CONTRACTIONS. DIARRHEA.

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 IN A SAFE MANNER IN ACCORDANCE WITH LOCAL / NATIONAL REGULATIONS.

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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

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