

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: CITRA-GEL 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 WORKPLACE
WEAR PROTECTIVE GLOVES,
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 %
CITRUS TERPENES	94266-47-4	60 - 80 %
ODOURLESS MINERAL SPIRITS	64741-65-7	20 - 40 %
PROPANE	74-98-6	10 - 20 %

SECTION 4 - FIRST AID MEASURES

First-aid measures general: TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE). ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. SHOW THIS SHEET WHERE POSSIBLE. KEEP WATCHING THE VICTIM. KEEP VICTIM WARM AND RESTED. WASH CONTAMINATED CLOTHING BEFORE REUSE.

First-aid measures after inhalation: MOVE THE AFFECTED PERSON AWAY FROM THE CONTAMINATED AREA AND INTO THE FRESH AIR. ARTIFICIAL RESPIRATION AND/OR OXYGEN IF NECESSARY. DO NOT APPLY MOUTH-TO-MOUTH RESUSCITATION. INDUCE ARTIFICIAL RESPIRATION WITH THE AID OF A POCKET MASK EQUIPPED WITH A ONE-WAY VALVE OF

OTHER PROPER RESPIRATORY MEDICAL DEVICE. IMMEDIATELY CONSULT A DOCTOR/MEDICAL SERVICE. IF EXPERIENCING RESPIRATORY SYMPTOMS: CALL A POISON CENTER OR A DOCTOR.

First-aid measures after skin contact: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE RE-USE. WASH WITH PLENTY OF WATER. IF SKIN OR RASH IRRITATION OCCURS, GET MEDICAL ADVICE / ATTENTION

First-aid measures after eye contact: RINSE IMMEDIATELY WITH WATER FOR 15 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: IMMEDIATELY CALL A POISON CONTROL CENTRE OR DOCTOR / PHYSICIAN. RINSE MOUTH. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. VOMITING: PREVENT ASPHYXIA /ASPIRATION PNEUMONIA. INGESTION OF LARGE QUANTITIES: IMMEDIATELY TO HOSPITAL.

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: DERMITITIS. SKIN RASH / INFLAMMATION. IRRITATION. RED SKIN. MAY CAUSE AN ALLERGIC SKIN REACTION.

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

Symptoms / injuries after ingestion: SWALLOWING THE LIQUID MAY CAUSE ASPIRATION INTO THE LUNGS WITH THE RISK OF CHEMICAL PNEUMONITIS.

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

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: POWDER, ALCOHOL-RESISTANT FOAM, WATER FOG, CARBON DIOXIDE. DO NOT USE WATER JET AS IT MAY CAUSE THE FIRE TO SPREAD.

Special hazards arising from the substance or mixture:

Fire hazards: EXTREMELY FLAMMABLE AEROSOL. MAY LIBERATE TOXIC GASES. COMBUSTION PRODUCES IRRITATING GASES.

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

Reactivity: THIS PRODUCT IS NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT

Advice for firefighters:

Firefighting instructions: IN CASE OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES. MOVE CONTAINERS AWAY FROM THE FIRE AREA IF THIS CAN BE DONE WITHOUT RISK. NEVER DIRECT WATER JET ON LIQUID. USE WATER SPRAY OR FOG FOR COOLING EXPOSED CONTAINERS. SOME MATERIALS, IF SPILLED, MAY EVAPORATE LEAVING A FLAMMABLE RESIDUE.

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:

Protective equipment : DO NOT ENTER WITHOUT APPROPRIATE PROTECTIVE EQUIPMENT. DO NOT BREATHE GAS / VAPOUR. DO NOT TOUCH SPILLED MATERIAL.

Emergency proceduresa : VENTILATE THE AREA THOROUGHLY, ESPECIALLY LOW LYING AREAS (BASEMENTS, WORK PITS ETC.). ADVISE LOCAL AUTHORITIES IF CONSIDERED NECESSARY.

For emergency responders:

NO ADDITIONAL INFORMATION AVAILABLE.

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

Environmental precautions : AVOID DISCHARGE TO THE ENVIRONMENT. DO NOT CONTAMINATE WATER WITH THE PRODUCT OR ITS CONTAINER. DO NOT ALLOW TO ENTER DRAINS OR WATER COURSES.

For containment: ELIMINATE EVERY POSSIBLE SOURCE OF IGNITION. NO OPEN FLAMES, NO SPARKS, AND NO SMOKING. KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC.) AWAY FROM SPILLED MATERIAL. AIR VAPOURS (HEAVIER THAN AIR) STAY ON THE FLOOR. GAS IS DENSER THAN AIR. MAY ACCUMULATE IN LOW AREAS E.G. CLOSE TO THE GROUND. THIS MATERIAL SHOULD BE PREVENTED FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS WHICH LEAD TO WATERWAYS. STOP LEAK IF SAFE TO DO SO. TURN LEAKING CONTAINERS LEAK-SIDE UP TO PREVENT THE ESCAPE OF LIQUID..

Methods for cleaning up : FOLLOWING PRODUCT RECOVERY, FLUSH AREA WITH WATER. CLEAN THOROUGHLY. DISPOSE AS HAZARDOUS WASTE.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: VAPOURS MAY FORM EXPLOSIVE MIXTURE WITH AIR. EXCLUDE SOURCES OF HEAT, SPARKS AND OPEN FLAME. PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE. DO NOT USE IF SPRAY BUTTON IS MISSING OR DEFECTIVE. DO NOT SPRAY ON A NAKED FLAME OR ANY INCANDESCENT MATERIAL. DO NOT SMOKE WHILE HANDLING PRODUCT. DO NOT CUT, WELD, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION. . USE ONLY EXPLOSION-FREE ELECTRICAL EQUIPMENT WITH EARTH. OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. REDUCE/AVOID EXPOSURE AND/OR CONTACT. DO NOT BREATHE GAS/VAPOUR/AEROSOL. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID PROLONGED AND REPEATED CONTACT WITH SKIN. USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA. WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT.

Hygiene measures: WASH THOROUGHLY AFTER HANDLING. USE GOOD PERSONAL HYGIENE PRACTICES.

Conditions for safe storage, including any incompatibilities:

Technical measures: DO NOT PUNCTURE, INCINERATE OR CRUSH. KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING. PROPER GROUNDING PROCEDURES TO AVOID STATIC ELECTRICITY SHOULD BE FOLLOWED.

Storage conditions: STORE LOCKED UP.

Incompatible products: OXIDIZING AGENTS.

Incompatible materials: PRESSURIZED CONTAINER. PROTECT FROM SUNLIGHT AND DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 C.

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.. AEROSOL 3.

Special rules on packaging: MEET LEGAL REQUIREMENTS.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: PROPANE ACGIH TWA (ppm) 1000 ppm OSHA PEL TWA (ppm) 1000 ppm

Exposure controls: PROVIDE SUFFICIENT AIR EXCHANGE AND/OR EXHAUST. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS. IF APPLICABLE, USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. IF EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED, MAINTAIN AIRBORNE LEVELS TO AN ACCEPTABLE LEVEL. ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. EMERGENCY EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. AVOID EXPOSURE, OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

Personal protective equipment: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY. GLOVES, FACE SHIELD. PROTECTIVE CLOTHING.



Hand protection: AVOID EXPOSURE, OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.
Eye protection: AVOID EXPOSURE, OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. FACE SHIELD. AVOID CONTACT WITH EYES.

Skin and eye protection: AVOID EXPOSURE, OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. AVOID CONTACT WITH SKIN. WEAR CHEMICAL PROTECTIVE EQUIPMENT THAT IS SPECIFICALLY RECOMMENDED BY THE MANUFACTURER. USE OF AN IMPERVIOUS APRON IS RECOMMENDED. IT MAY PROVIDE LITTLE OR NO THERMAL PROTECTION.

Respiratory protection: AVOID EXPOSURE, OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. IF PERMISSIBLE LEVELS ARE EXCEEDED USE NIOSH MECHANICAL FILTER / ORGANIC VAPOUR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR.

Thermal hazard protection: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY.

Consumer exposure controls: WHEN USING DO NOT SMOKE. AVOID CONTACT WITH EYES. AVOID CONTACT WITH SKIN. 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. CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	LIQUID
Colour and appearance:	AEROSOL
Odour:	FRUITY SCENT.
Odour threshold:	NO DATA AVAILABLE
pH:	NO DATA AVAILABLE
Melting point:	NO DATA AVAILABLE
Freezing point:	NO DATA AVAILABLE
Boiling point:	83 ° C
Flash point:	- 104 ° 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:	3.79 – 4.47 atm @ 21 C estimated
Relative density:	NO DATA AVAILABLE
Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	0.762 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

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: THIS PRODUCT IS NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.

Chemical stability: RISK OF EXPLOSION. RISK OF IGNITION. THIS PRODUCT IS STABLE UNDER NORMAL HANDLING AND STORAGE CONDITIONS.

Possibility of hazardous reactions: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

Conditions to avoid: HEAT. OPEN FLAME. SPARKS. AEROSOL CONTAINERS ARE UNSTABLE AT TEMPERATURES ABOVE 49°C. AVOID TEMPERATURES EXCEEDING THE FLASH POINT. . INCOMPATIBLE MATERIALS.

Incompatible materials: OXIDIZING AGENTS.

Hazardous decomposition products: HAZARDOUS DECOMPOSITION MAY PRODUCE NITROGEN OXIDES, PHOSPHORIC OXIDE.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: NOT CLASSIFIED.

LD 50 oral / rat 2781 mg/kg

LC 50 oral / rat 712 mg/L 4 hr

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: SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION/VOMITING MAY CAUSE BRONCHO -PNEUMONIA OR PULMONARY EDEMA.

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

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

Symptoms /injuries after ingestion: SWALLOWING THE LIQUID MAY CAUSE ASPIRATION INTO THE LUNGS WITH THE RISK OF CHEMICAL PNEUMONITIS.

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. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR CRUSH. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF AS HAZARDOUS WASTE. INCINERATE THE MATERIAL UNDER CONTROLLED CONDITIONS IN AN APPROVED INCINERATOR HOLDING A PERMIT DELIVERED BY THE COMPETENT AUTHORITIES. DO NOT ALLOW INTO DRAINS OR WATER COURSES OR DISPOSE OF WHERE GROUND OR SURFACE WATERS MAY BE AFFECTED. DO NOT CONTAMINATE PONDS, WATERWAYS OR DITCHES WITH CHEMICAL OR USED CONTAINER.

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: December 6, 2016