

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: CITRA-GEL
Product Use: GELLED CITRUS – BASED CLEANER
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R 2X 2Y7
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Hazardous ingredients	CAS Number	Exposure limits	Weight %	LD 50	LC50
Mineral Spirits	8052-41-3	100 ppm	20 - 30 %	8850 mg /kg oral /rat	5700 ppm mouse/ 4 hrs
Ethylene Glycol	107-21-1	50 ppm ACGIH TLV	< 1 %	5.89 g/kg (oral / rat).	Not found.
d'Limonene	5989-27-5	30 ppm WEEL	65 – 75 %	4400 mg/kg (oral / rat)	Not found.
Colloidal Silica Dioxide	112945-52-5	10 mg/m ³ OSHA PEL /ACGIH TLV	1 – 5 %	Not found.	Not found.
Methyl –oxirane polymner with oxirane	900-93-1	Not established.	1 – 5 %	Not found.	Not found.

SECTION III - PHYSICAL DATA

Physical State: GELLED LIQUID
Odour and appearance: CLEAR, ORANGE, VISCOUS LIQUID. CITRUS ODOUR
Odour threshold: Not available.
Specific Gravity (20°C): .84 pH: Not available.
Vapour pressure (mm Hg): Not available. Vapour density (air = 1): Not available.
Evaporation Rate(butyl acetate =1): > 1.0 % volatile by volume: 85-95 %
Solubility in water: EMULSIFIES
Boiling point (C°): Not available. Freezing point (C°): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: COMBUSTIBLE LIQUID. Flash point (C°): 50 ° C.
Upper flammable limit: Not available. Lower flammable limit: Not available.
Autoignition temperature: Not available.
Flammability classification: B3 - COMBUSTIBLE LIQUID
Conditions of flammability: HEAT AND OPEN FLAMES. CONTENTS UNDER PRESSURE.
EXPOSURE TO TEMPERATURES ABOVE 50 ° C MAY CAUSE BURSTING.
Special fire fighting procedures: USE WATER FOG TO COOL FIRE EXPOSED CONTAINERS. FIREFIGHTERS MUST WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS.
Means of extinction: WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL Hazardous combustion products: Oxides of carbon..
Sensitivity to mechanical impact: NOT SENSITIVE.
Sensitivity to static discharge: NOT SENSITIVE.

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SECTION V - REACTIVITY DATA

Is the product stable? STABLE
Conditions of reactivity: EXTREME TEMPERATURES
Incompatible substances: STRONG OXIDIZERS
Hazardous decomposition products: THERMAL DECOMPOSITION MAY YIELD OXIDES OF CARBON.

SECTION VI - TOXICOLOGICAL PROPERTIES

WHMIS CLASSIFICATION: COMBUSTIBLE LIQUID, D2B – OTHER TOXIC EFFECTS.
Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION. INGESTION UNLIKELY.
Exposure limits: SEE SECTION II FOR EXPOSURE LIMITS FOR INGREDIENTS.
Acute effects of exposure: Eyes: MODERATE TO SEVERE IRRITATION, REDNESS AND POSSIBLE TEARING. Ingestion: NAUSEA, CRAMPS, DIARRHEA. SMALL AMOUNTS OF THIS PRODUCT ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION OR VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY, POSSIBLY PROGRESSING TO DEATH. Inhalation: UPPER RESPIRATORY TRACT IRRITATION, COUGHING AND HEADACHE. Skin: IRRITATION AND DEFATTING WITH PROLONGED OR REPEATED EXPOSURE.
Sensitizer: d'LIMONENE MAY BE A SKIN SENSITIZER.
Mutagen: NOT KNOWN AS A MUTAGEN
Carcinogen: NO INGREDIENTS LISTED AS CARCINOGENS – IARC, NTP, OSHA

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT GLOVES.	Respirator: WEAR A NIOSH APPROVED RESPIRATOR WHERE EXPOSURE LIMITS ARE EXCEEDED.	Eye protection: SAFETY GLASSES OR GOGGLES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: TO PREVENT SKIN CONTACT.	Other: EMERGENCY EYE WASH STATION.

Engineering controls: LOCAL VENTILATION RECOMMENDED.
Leak and spill procedures: VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. SOAK UP ON INERT ABSORBENT MATERIAL AND PLACE IN A PROPERLY LABELED CLOSED CONTAINER FOR DISPOSAL.
Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.
Handling and storage requirements: STORE IN A COOL, DRY PLACE, AWAY FROM HEAT AND OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.
Special shipping information: NOT CONTROLLED UNDER T.D.G.

SECTION VIII - FIRST AID MEASURES

Skin contact: REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
Eye contact: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
Inhalation: MOVE TO FRESH AIR. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
Ingestion: CALL 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.

SECTION IX - PREPARATION DATA

Information sources: SUPPLIER'S MSDS Prepared by: SHARE CANADA
Telephone Number: (204) 633-8553 Preparation Date: JANUARY 15, 2010