

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: CITRA SOLVE  
Product Use: NATURAL SOLVENT CLEANER

Supplier: SHARE CANADA  
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7

Telephone Number: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

## SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	LD 50	LC 50
d'Limonene	5989-27-5	60 - 100 %	4400 mg/kg oral /rat	Not found.
Poly (oxyethylene) nonylphenol	9016-45-9	1 - 5 %	Not found.	Not found.
Carbon dioxide	124-38-9	1 - 10 %	Not found.	Not found.

## SECTION III - PHYSICAL DATA

Physical State: LIQUID Specific gravity: .085  
pH: Not available.  
Odour and appearance: CLEAR, COLOURLESS LIQUID, CITRUS ODOUR.  
Odour threshold: Not available. Vapour pressure (PSI): Not available.  
Vapour density (air = 1): Not available. Evaporation rate (water = 1): > 1  
% volatile by volume: 85 - 90 %. Solubility in water: EMULSIFIES.  
Boiling Point ( C<sup>0</sup> ): Not available. Freezing Point ( C<sup>0</sup> ): Not available.  
Coefficient of water/oil distribution: Not available.

## SECTION III - FIRE AND EXPLOSION DATA

Flammable or combustible: FLAMMABLE AEROSOL  
Flash Point ( C<sup>0</sup> ) and method: 50<sup>0</sup> C CLOSED CUP  
Upper flammable limit: Not available. Lower flammable limit: Not available.  
Autoignition temperature: Not available. Flammability classification: NFPA 30 B Rating 3.  
Conditions of flammability: CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES EXCEEDING 50<sup>0</sup> C MAY CAUSE CONTAINERS TO BURST. AVOID CONTACT WITH HEAT, SPARKS AND OPEN FLAME. Means of extinction: FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Special fire fighting procedures: COOL FIRE EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED FULL PROTECTIVE GEAR INCLUDING SELF - CONTAINED BREATHING APPARATUS. Hazardous combustion products: OXIDES OF CARBON.  
Sensitivity to mechanical impact: NOT SENSITIVE Sensitivity to static discharge: NOT SENSITIVE

## SECTION IV - REACTIVITY DATA

Is the product stable: YES - STABLE  
Incompatible substances: STRONG ACIDS AND OXIDIZERS.  
Conditions of Reactivity: EXTREME TEMPERATURES  
Hazardous decomposition products: OXIDES OF CARBON

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## SECTION V - TOXICOLOGICAL PROPERTIES

**Primary routes of exposure:** SKIN AND EYE CONTACT, INHALATION, INGESTION IS UNLIKELY.  
**Exposure Limits:** WORKPLACE ENVIRONMENTAL EXPOSURE LEVEL (WEEL) d'LIMONENE - 30 ppm.  
**WHMIS Classification:** FLAMMABLE AEROSOL, CLASS D 2B TOXIC MATERIAL.  
**Irritant:** SKIN AND EYE IRRITANT                      **Carcinogen:** NO - IARC / OSHA / NTP  
**Sensitizer:** D'LIMONENE POSSIBLE SKIN SENSITIZER    **Mutagen:** NOT REPORTED AS A MUTAGEN  
**Reproductive effects:** NONE KNOWN                      **Synergistic products:** NONE KNOWN  
**Effects of acute exposure:**  
**Eyes:** MODERATE TO SEVERE IRRITATION, REDNESS AND POSSIBLE TEARING.  
**Inhalation:** UPPER RESPIRATORY TRACT IRRITATION, COUGHING AND HEADACHE.  
**Ingestion:** NAUSEA, CRAMPS, 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.  
**Effects of chronic exposure:** IRRITATION, CHAPPING AND DERMATITIS WITH PROLONGED OR REPEATED EXPOSURE.

## SECTION VII - PREVENTION MEASURES

Gloves: <b>CHEMICAL RESISTANT GLOVES</b>	Respirator: IF LIMITS ARE EXCEEDED WEAR A NIOSH APPROVED RESPIRATOR	Eye protection: <b>SAFETY GLASSES OR GOGGLES</b>
Footwear: <b>NO SPECIAL REQUIREMENTS.</b>	Clothing: <b>PROTECTIVE CLOTHING.</b>	Other requirements: EMERGENCY SHOWER / EYE WASH STATION

**Engineering Controls:** LOCAL VENTILATION RECOMMENDED.  
**Respiratory protection:** USE ONLY WITH ADEQUATE VENTILATION. DO NOT BREATHE SPRAY MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOURS.  
**Leak or spill procedures:** VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. SOAK UP ON INERT ABSORBENT MATERIAL AND PLACE IN A LABELED, CLOSED CONTAINERS FOR DISPOSAL. **Waste disposal:** CONSULT LOCAL ENVIRONMENTAL AUTHORITIES. DISPOSE OF CANS IN NON-INCINERATED TRASH ONLY.  
**Handling and storage requirements:** STORE IN A COOL DRY PLACE, AWAY FROM HEAT AND OPEN FLAME. KEEP OUT OF THE REACH OF CHILDREN. DO NOT PUNCTURE OR INCINERATE CONTAINERS. **Special shipping information:** CONSUMER COMMODITY.

## SECTION VIII - FIRST AID MEASURES

**Eyes:** FLUSH EYES AND UNDER EYELIDS FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN IMMEDIATE MEDICAL ATTENTION.  
**Skin:** REMOVE CONTAMINATED CLOTHING AND LAUNDRY SEPARATELY BEFORE RE-USE. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.  
**Ingestion:** CALL A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER, THEN GIVE ONE GLASS OF WATER TO DRINK. **Inhalation:** REMOVE PERSON TO FRESH AIR. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

## SECTION IX - PREPARATION DATA

**Information Sources:** SUPPLIERS' MATERIAL SAFETY DATA SHEET  
**Prepared by:** SHARE CANADA  
**Telephone:** 1-204-633-8553  
**Preparation date:** OCTOBER 20, 2011