

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I - PRODUCT IDENTIFICATION

Product Name: CITRA SOLV
Product Type: Safe Organic Solvent / Degreaser

Issue Date: November 20, 2001
Distributor: Armchem International Corp.
Supplier's Address: 3563 N.W. 53rd Ct. Ft. Lauderdale, FL 33309
Transportation Emergency: 1-800-886-0423
Fax No: 954-735-0097

SECTION II - INGREDIENTS

Chemical Name/Common Name	CAS #	%	OSHA PEL/ TLV (Source)
D-LIMONENE	5989-27-5	<95%	NOT ESTABLISHED

SARA HAZARD: TITLE III, SECTION 313: N/A

SECTION III - PHYSICAL DATA

Boiling point (FE): 212 °F
Vapor Pressure (mm Hg): .99 @ 77°F
Vapor Density (Air=1): 4.730
Specific Gravity (H2O=1.0): .92 ±0.005
pH: ±0.5
Evaporation Rate (vs. H2O)
About the Same: 9
Faster: 9
Slower:
Appearance and Odor: Thin Clear liquid with natural citrus smell
Solubility in Water:
Complete: 9
Insoluble: 9
Emulsifiable (or Dispersible): 9
Slight(or Partial):

SECTION IV - HAZARDS IDENTIFICATION

Flash Point (T.C.C): 117-122 BF 95% Volatiles
Extinguishing Media: Product is Combustible. Water Spray (Fog), Dry Chemical; CO2; or Foam may be used where product is stored
Flammable Limits:
Upper: 6.1%
Lower: .7%
Special Firefighting Procedures: Firefighters should wear a self contained breathing apparatus with full protective equipment.
Unusual Fire and explosion Hazards: None

SECTION V – REACTIVITY DATA

Stability: Stable

Incompatibility: Strong Oxidizers and Strong Acids

Hazardous Decomposition Products: Burning may produce carbon monoxide and / or carbon dioxide.

SECTION VI – HEALTH HAZARD DATA

Primary Routes of Exposure

Eye:

Skin:

Oral:

Inhalation: 9

Other:

Signs and Symptoms of Overexposure (Acute): Prolonged or repeated contact of concentrated or diluted product with skin and or eyes may cause irritation and reddening. Ingestion may cause nausea, vomiting, diarrhea and mucosal irritation. **Signs and Symptoms of Overexposure (Chronic):** None currently Known.

Medical Conditions Aggravated by Overexposure: An Existing Dermatitis

Carcinogen or Suspect Carcinogen

Ingredients:

OSHA: 9

None:

SECTION VII – EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with water for at least 15 minutes and call physician.

Skin: Wash affected areas with large amounts of soap and water. If irritation persists consult a physician.

Ingestion: Call a physician.

Inhalation: Remove to fresh air. If breathing has stopped artificial respiration should be started. Oxygen may be administered if available. Call physician. Never give anything by mouth to an unconscious person.

SECTION VIII – EMERGENCY AND FIRST AID PROCEDURES

Respiratory Protection: None required under normal use conditions.

Protective Gloves: Rubber

Ventilation Requirements

Local Exhaust: 9

Mechanical: 9

Other:

Eye Protection: Safety Glasses / Goggles

Other Protective Clothing: Synthetic Apron & Normal Work Clothing covering arms and legs.

SECTION IX – SPILL OR LEAK PROCEDURES

Steps to be Taken If Released or Spilled: Flush small spills to drain. For large spills - safely stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with inert material and reclaim into sound containers for proper disposal.

Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and Local regulations.

SECTION X – STORAGE AND HANDLING INFORMATION

Precautions to be taken in Handling and Storage: Handle all containers carefully. Store in cool dry area out of direct sunlight.

The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS HAZARD RATING

HEALTH (2)
FLAMMABILITY (2)
REACTIVITY (0)

HMIS INDEX

0 - MINIMAL
1 - SLIGHT
2 - MODERATE
3 - SERIOUS

(C) -SAFETY GOGGLES, GLOVES, SYNTHETIC APRON