





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2424	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	CITRA-SOLV	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	100% Organic Degreaser, Deodorizer, And Drain Solvent	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Acute Toxicity – Oral: Category 4 Eye Damage/Irritation: Category 2A Flammable Liquids: Category 3 Skin Corrosion/Irritation: Category 3	SIGNAL WORD: WARNING	SYMBOL:		
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HAZARD STATEMENTS:

Causes mild skin irritation.
Causes serious eye irritation.
Flammable liquid and vapor.
Harmful if swallowed

PRECAUTIONARY STATEMENTS:

Response:

If eye irritation persists: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation occurs: Get medical advice/attention.
IN CASE OF FIRE: Use alcohol foam/water/carbon dioxide to extinguish.
Rinse mouth.

Prevention:

Do not eat, drink, or smoke when using this product.
Ground/bond container and receiving equipment.
Keep away from heat.
Keep container tightly closed.
Take precautionary measures against static discharge.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Use only outdoors or in a well-ventilated area.
Wash hands thoroughly after handling.
Wear protective gloves/eye protection/face protection.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

Dispose of contents/container in accordance with local/regional/international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

No data available.

INGREDIENTS OF UNKNOWN TOXICITY:

0%

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-(d)-Limonene	5989-27-5	<95%

Occupational exposure limits, if available, are listed in Section 8.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INHALATION:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

N/A.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Material will burn in a fire. Combustible liquid. Can form explosive mixtures at temperatures at or above the flashpoint.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

LARGE SPILLS:

Stop leak at source and collect into suitable container, then treat as a small spill.

SMALL SPILLS:

Absorb with an inert solid and scoop up for disposal, then rinse soiled area with water.

7. Handling and Storage

STORAGE:

Store in a cool place in original container and protect from sunlight. Keep away from sources of ignition. Keep away from food and drinking water. Keep container closed when not in use.

HANDLING:

Use spark-proof tools and explosion-proof equipment. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Use only in a well-ventilated area. Follow all SDS/label precautions even after container is emptied because they may retain product residues.

8. Exposure Controls / Personal Protection

CHEMICAL NAME	ACGIH TLV	OSHA PEL	STEL
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)	N/A	N/A	N/A

PERSONAL PROTECTIVE EQUIPMENT (PPE): Goggles, gloves, and face shield.



EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

SKIN PROTECTION: Wear rubber gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

RESPIRATORY PROTECTION: If workplace exposure limits of product or any component are exceeded (see exposure guidelines), NIOSH/OSHA approved air supplied respirator is advised in the absence of proper environmental control. OSHA relations also permit other NIOSH/OSHA respirators (negative pressure type) under specific conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

ENGINEERING CONTROLS:

Provide sufficient mechanical (general and local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected, or apparent adverse effects).

9. Physical & Chemical Properties

Appearance:		Vapor Pressure:	Not available.
Physical State:	Liquid.	Vapor Density:	Not available.
Color:	Orange/clear.	Boiling Range:	Not available.
Odor:	Citrus.	Solubility:	Complete.
Odor Threshold:	Not available.	Auto-Ignition Temperature:	Not available.
pH:	Not available.	Decomposition Temperature:	Not available.
Melting Point:	Not available.	VOC%:	Not available.
Boiling Point:	Not available.	Density (lbs/gal):	Not available.
Partition Coeff (n-octanol/water):	Not available.	Pounds Per Cubic Foot:	Not available.
Viscosity:	Not available.	Flash Point:	122°F
Specific Gravity:	0.84	FP Method:	Closed cup.
LEL:	Not available.	UEL:	Not available.
Flammability:	Combustible liquid.	Evaporation Rate:	Not available.

10. Stability & Reactivity Information

REACTIVITY:

Stable.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBLE MATERIALS:

Chlorine bleach, oxidizers, acids.

CONDITIONS TO AVOID:

Temperature extremes.

DECOMPOSITION PRODUCTS:

Will not occur.

11. Toxicological Information**PRIMARY ROUTE(S) OF ENTRY:**

Skin contact/absorption and inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation to nose, throat, and respiratory tract.

TARGET ORGAN EFFECTS:

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals and may aggravate pre-existing disorders of these organs in humans; chronic ingestion may cause kidney and liver lesions at high doses.

IMMEDIATE HEALTH EFFECTS:

EYES: Exposure may cause noticeable pain and severe irritation.

SKIN: Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns. Additional symptoms of skin contact may include: allergic reaction. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal handling and use.

INHALATION: Exposure to vapor or mist is possible. Short-term inhalation is not likely to cause harmful effects; breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.

INGESTION: Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

No data.

CARCINOGENIC INFORMATION:

This material is not listed as a carcinogen by IARC, NTP, or OSHA.

LONG TERM EFFECTS:

No data.

12. Ecological Information

No data available.

13. Disposal Consideration

For proper disposal of waste, refer to federal and state regulations.

14. Transportation Information

UN Number 2319

UN Proper Shipping Name Terpene Hydrocarbons

DOT Classification 3 - Flammable Liquid

Packing Group III

15. Regulatory Information**US FEDERAL REGULATIONS**

TSCA (Toxic Substances Control Act) Status

TSCA (United States) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 355 Appendix A:None

SARA 302 Components 40 CFR Appendix A: None

Section 311/312 Hazard Class 40 CFR 370.2

Immediate (X) Delayed (X) Fire () Reactivity () Sudden Release of Pressure ()

SARA 313 Components - 40 CFR 372.65

STATE AND LOCAL REGULATIONS

California Proposition 65: None

California SCAQMD Rule 443.1 VOC's: > 100g/L

North Carolina Administrative Code 2D.1104 and 2B.0610: None

South Carolina Regulation 62.5 Standard Number 8: None

16. Other Information**DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.