




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2648	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SOLV-IT	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Multi-Purpose Solvent	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Combustible liquid and vapor. Harmful or fatal if swallowed. Can enter lungs and cause damage.	SIGNAL WORD: DANGER	SYMBOL:		
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HAZARD STATEMENTS:

Harmful or fatal if swallowed. Can enter lungs and cause damage.

NOTE: SDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

ACUTE EFFECTS:

Routes of Entry: Dermal contact. Eye contact. Inhalation.

Eyes: May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin: May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation: No known acute effects of this product resulting from inhalation. Long-term exposure may cause headache, nausea or weakness.

Ingestion: Aspiration hazard if swallowed. Can enter lungs and cause damage.

CHRONIC EFFECTS:

Prolonged or repeated contact can de-fat the skin and lead to irritation, cracking and/or dermatitis. Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation, leading to frequent attacks of bronchial infection.

CARCINOGENICITY INGREDIENTS:

Not listed as carcinogen by OSHA, NTP, or IARC.

PRODUCT/INGREDIENT NAME:

Not available.

ADDITIONAL INFORMATION:

See Toxicological Information (Section 11)

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks, which may vary from person to person.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Distillates (petroleum), hydrotreated light	64742-47-8	95-100

* All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume. Concentration values may vary.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN: Flush affected area immediately with large amounts of water for at least 15 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. If irritation persists, get medical attention.

INHALATION:

Move exposed person to fresh air. Loosen tight clothing such as a collar, tie, belt, or waistband. If breathing is difficult, get medical attention.

INGESTION:

Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use foam, water spray (fog), dry chemical, or carbon dioxide (CO₂) to extinguish flames.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Straight streams of water.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

FLAMMABILITY PROPERTIES:

Flash Point [Method]: 61.667°C (143°F) [Closed Cup: Pensky-Martens]

Flammable Limits (Approximate volume % in air): LEL: 0.7% UEL: 7%

6. Accidental Release Measures

Eliminate all ignition sources. Put on appropriate personal protective equipment (see Section 8). Stop leak, if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment.

7. Handling and Storage

SAFE HANDLING:

Put on appropriate personal protective equipment (see Section 8). Avoid contact with eyes, skin, and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Store and use away from heat, sparks, open flame, or any other ignition source. Wash thoroughly after handling. Do not reuse container.

SAFE STORAGE & INCOMPATIBILITIES:

Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

8. Exposure Controls / Personal Protection

EXPOSURE LIMIT VALUES:

No exposure limit value known.

EXPOSURE LIMIT/STANDARDS:

(Note: Exposure limits are not additive).

PERSONAL PROTECTIVE EQUIPMENT:



EYE/FACE PROTECTION: Safety glasses.

SKIN PROTECTION: Wear appropriate protective clothing to prevent skin contact. Recommended: Neoprene gloves. Rubber gloves. Nitrile gloves.

RESPIRATORY PROTECTION: A respirator is not needed under normal and intended condition of product use. Use with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

9. Physical & Chemical Properties

Appearance:		Flammability(solid/gas):	Combustible liquid and vapor.
Physical State:	Liquid.	Vapor Density:	5.4 [Air=1]
Form:	Clear.	Vapor Pressure:	0.043 kPa(0.32 mm Hg) [20°C]
Color:	Colorless.	Solubility (water):	Insoluble in cold water.
Odor:	Solvent, slight.	VOC (consumer)	100% (w/w) 6.59 lbs/gal (790 g/l)
Odor Threshold:	Not determined.	Evaporation Rate:	0.14 (Butyl acetate=1)
Boiling Point:	192-211°C (377.6-411.8°F)	Specific Gravity:	0.79
Flash Point(closed cup method):	61.667° (143°F)	LEL:	0.7%
UEL:	7%	pH:	Not available.

10. Stability & Reactivity Information

STABILITY:

Material is stable under normal conditions.

HAZARDOUS POLYMERIZATION:

Under normal conditions of storage and use, hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS:

Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon oxides (CO, CO₂).

11. Toxicological Information

ACUTE TOXICITY:

LC50 Inhalation Vapor	Rat	>4.3 mg/l	4 hours
LD50 Dermal	Rabbit	2000 to 4000 mg/kg	-
LD50 Oral	Rat	>5000 mg/kg	-

12. Ecological Information

ENVIRONMENTAL EFFECTS:

Practically non-toxic to aquatic organisms to water solubility. May absorb to sediments and possibly cause toxic effects to organisms.

AQUATIC ECOTOXICITY:

Distillates (petroleum), hydrotreated light- Acute LC50 2200 ug/L Fresh water Fish – Bluegill – 4 days
Lepomis macrochirus 35 ot 75 mm

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

WASTE STREAM:

Classification: Non-hazardous waste.
Origin: RCRA waste.

14. Transportation Information**DOT CLASSIFICATION:**

Not regulated.

IMDG CLASS:

Not regulated.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

15. Regulatory Information**US FEDERAL REGULATIONS:****SARA 313 toxic chemical notification and release reporting:** No products were found.**Clean Water Act (CWA) 311:** No products were found.**Clean Air Act (CAA) 112 regulated toxic substances:** No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

US STATE REGULATIONS:**California Prop 65:** No products were found.**16. Other Information****N/A = Not Applicable; N/D = Not Determined**

NFPA	Health Hazards: 1	Flammability: 2	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: 1	Flammability: 2	Physical hazards: 0	Personal protection:

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.