



P.O. Box 2000
5626 Commerce Street
St. Francisville, LA 70775
(225) 635 -1700
(225) 635-9217 fax

Safety Data Sheet

Revision Date: June 10, 2021

SECTION 1: Identification

1.1 Identification

Product Identifier : TruSolv
Substance Name : Hydrocarbons, Terpene processing, by-product
CAS # : 68956-56-9

1.2 Recommended use and restrictions on use

Use of the substance/mixture : Solvents and cleaners
Use of the substance/mixture : Product for industrial use only

1.3 Supplier

Legacy Chemical Corporation
5626 Commerce Street
Saint Francisville, LA 70775

Telephone: +1 225-635-1700
Email: info@legacychemical.com

1.4 Emergency telephone number

Emergency number : +1 904 945 4132

SECTION 2: Hazard(s) Identification

2.1 Classification of the substance or mixture

GHS-US Classification

Physical Hazards	: Flammable Liquids (3)
Health Hazards	: Eye Irritation (2A) : Skin Irritation (2) : Skin Sensitizer (1A) : Aspiration Toxicity (1)
Environmental Hazards	: Acute Aquatic Toxicity (1)

2.2 GHS Label elements, i

GHS-US Labeling

Hazard Pictograms (GHS-US)



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2.2 GHS Label elements, including precautionary statements (Cont.)

Signal Word: Danger

Hazard Statements:

H226: Flammable liquid and vapour

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H411: Toxic to aquatic life with long lasting effects

Precautionary Statements:

P501: Dispose of contents/container in accordance with all local, regional, national and international regulations.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses

if present and easy to do – continue rinsing

P280: Wear protective gloves/protective clothing/eye protection/face protection

P337+313: If eye irritation persists get medical advice/attention

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P302+352: IF ON SKIN: Wash with soap and water

P331: Do NOT induce vomiting

P333+313: If skin irritation or a rash occurs: Get medical advice/attention

2.3 Other hazards which do not result in classification

None determined

SECTION 3: Composition/Information on Ingredients

3.1 Substances

Common Name (Chemical Name)	CAS Number	%	EINECS No.	
Hydrocarbons, Terpene processing, by-product	68956-56-9	100	273-309-3	
Fragrance Package		0-2		
BHT (4-methyl-2,6-di-tert-butylphenol)	128-37-0	500ppm		

SECTION 4: First Aid Measures

Inhalation	: Remove person to fresh air and keep at rest in a comfortable position for breathing. See a physician if breathing difficulty persists.
Eye Contact	: Flush eyes with clean water for 15 minutes. If irritation persists, seek medical attention.
Skin Contact	: Skin contact In case of skin contact, wash thoroughly with soap and water.
Ingestion	: Keep respiratory tract clear. Do Not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention or contact a poison control center for advice

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SECTION 5: Fire Fighting Measures

Flash Point	: 48°C (118°F) (TCC)
Auto-ignition temperature	: Not determined
Suitable extinguishing media	: Carbon dioxide, Dry Powder, Foam : If water must be used, use ONLY as a spray to lower temperature
Precautions for firefighters	: DANGER - FLAMMABLE LIQUID! Vapors may cause flash fires. : Harmful or fatal if swallowed. Vapors and spray mist are harmful if inhaled. : May cause eye and skin irritation. : Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away. May produce a floating fire hazard.
General Precaution	: Exercise care when disposing of rags contaminated with the product. Use normal precautions appropriate to oily rags

SECTION 6: Accidental Release Measures

6.1 Protective measures	: Eliminate all potential sources of ignition. Handling equipment must be bonded and grounded to prevent sparking. If material is released into a work area, evacuate the area immediately. Wear appropriate personal protective equipment.
6.2 Environmental Precautions	: Do not discharge into lakes, streams, ponds or public waters. Exercise caution. Eliminate potential sources of ignition. Use spark-proof tools and explosion-proof equipment.
6.3 Spill Management	: Dike and contain spill. Small spills may be absorbed by sand or oil-absorbing material. Large spills should be collected by pumping into closed containers for recovery or disposal.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling	: Wear chemical safety glasses or goggles and chemically resistant gloves. A chemically resistant apron may be used to protect clothing. A respirator may be worn to prevent breathing spray mists or heated fumes. Take precaution against static discharges.
7.2 Conditions for safe storage	: No smoking. Store in original container, preferably in a cool, ventilated, fire-resistant building. Avoid heat, sparks, and open flames. Empty containers may retain product residues (vapor, liquid, or solid) all label precautions must be observed. : This product may cause an adverse effect to some plastic containers

SECTION 8: Exposure Controls / Personal Protection

8.1 Exposure Limits	: None established
8.2 Appropriate engineering controls	: Use in a well-ventilated area.
8.3 PPE	
General	: Consistent with good occupational hygiene practices, personal protective equipment (PPE) should be used in conjunction with other control measures, including engineering controls, ventilation and isolation. See also section 5 (Fire-fighting measure) for more information.
Respirator:	: A respirator is not normally required. If vapor concentration is high, use a NIOSH approved organic vapor respirator or a properly fitted, air-purifying or air-fed respirator complying with an approved standard.
Eye Protection:	: Wear chemical safety glasses, goggles or face shield. Provide eye bath near work site.
Skin Protection:	: Wear chemically resistant rubber gloves and apron to minimize exposure.
Personal Hygiene:	: When using do not eat or drink. Wash hands and any exposed skin after handling.

SECTION 9: Physical and Chemical Properties

Appearance	: Colorless to pale yellow liquid
Odor	: Mild Citrus
Odor Threshold	: Not determined
pH	: Not applicable
Melting point / Freezing point	: Not determined
Boiling Point (initial)	: 170°C (338°F)
Flash Point	: 48°C (118°F) (TCC)
Evaporation rate	: Approximately 4
Flammability (solid, gas)	: Not determined
Flammable limits (% by volume in a	: Not determined
Vapor pressure	: Approximately 2 mmHG @ 20°C
Relative vapor density (Air = 1)	: > 1
Relative density	: .87 @ 25°C
Solubility in water	: < 0.1
Partition coefficient	: n-octanol/water not determined
Auto-ignition temperature	: Not determined
Decomposition temperature	: Not determined
Viscosity	: Not determined

SECTION 10: Stability and Reactivity

10.1 Reactivity	: Not determined
10.2 Chemical stability	: Product is stable and not reactive under conditions of normal use
10.3 Hazardous polymerization	: Hazardous polymerization will not occur
10.4 Conditions to avoid	: Prolonged or excessive heat and/or exposure to air may cause non hazardous decomposition and/or oxidation.
10.5 Incompatible materials	: May react with strong acids, bases, and oxidizing agents
10.6 Hazardous decomposition	: Incomplete decomposition may produce carbon monoxide. Ultimate decomposition products are carbon dioxide and water.

SECTION 11: Toxicological Information

Target Organs	: Eyes. Skin.
Likely routes of exposure	: Eye/Skin contact
Medical conditions aggravated	: No known conditions by overexposure
Symptoms related to overexposure	: Prolonged exposure may cause skin irritation and/or sensitization
Relevant Hazards	11.1 (a) Acute toxicity : Not Determined
	11.1 (b) Dermal contact : Not Determined
	11.1 (c) Eye contact : Contact with undiluted material may cause eye irritation
	11.1 (d) Respiratory or Skin : Avoid repeated or prolonged contact with skin
	11.1 (e) Germ cell mutigenicity : Not Determined
	11.1 (f) Carcinogenicity : No component of the product is listed by IARC, ACGIH, and NT

SECTION 11: Toxicological Information (Cont.)**Relevant Hazards (Cont.)**

- 11.1 (g) Reproductive toxicity : The Flavor and Fragrance High Production Volume Consortia - Terpene Consortium, reported NEGATIVE results for various mutagenicity studies for similar chemicals. Refer to; <http://actor.epa.gov> for further data and links to citations
- 11.1 (h) STOT single exposure : Not determined
- 11.1 (i) STOT repeated exposure : Not determined
- 11.1 (j) Aspiration Hazard : Component categorized as a Cat 1 Aspiration Hazard

SECTION 12: Ecological Information

The product contains a marine pollutant and is toxic to aquatic organisms

- Toxicity** : Product is a marine pollutant and is very toxic to aquatic organisms.
- Persistence and degradability** : 92.7% degraded within 21 days per CEC L33T82
- Bioaccumulative potential** : Not determined. Related chemicals are known to be NON-accumulating.
- Mobility in soil** : Not determined
- Other adverse effects** : Not determined

SECTION 13: Disposal Considerations

- Disposal Methods** : This material, if discarded, would be considered a hazardous waste by EPA regulations 40 CFR 261 due to flammability. Dispose of at a local, state, or federally approved facility
: User must determine proper disposal method and classification when declared a waste.
- Safe handling of wastes** : Refer to Section 8 for information pertaining to personal protective equipment and exposure controls when handling this material for disposal.

SECTION 14: Transport Information

- US DOT** : UN 2052, DIPENTENE, 3, PGIII, Marine Pollutant
- ICAO/IATA** : UN 2052, DIPENTENE, 3, PGIII, Marine Pollutant
- IMO/IMDG** : UN 2052, DIPENTENE, 3, PGIII, Marine Pollutant
- US DOT Non-Bulk Packaging** : **TruSolv (Excepted from HMR as per §173.150 & §171.4)**
- Shipping Label** : Flammable Liquid (Cat 3), Marine Pollutant (Environmental Cat 1)

SECTION 15: Regulatory Information

- Chemical Inventories Status** : USA Compliant
: Canada Compliant
: European Community Compliant
: Australia Compliant
: Japan Compliant
: Korea Compliant
: Phillippines Compliant
: China Compliant
- USA Federal and State Information** : OSHA - Hazardous by definition 29 CFR 1910.1200
- SARA 311/312 Hazard Category** : Fire Hazard and Immediate (Acute) Health

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SECTION 16: Other Information

HMIS Classification

Health Hazard	Flammability	Reactivity
1	2	1

Risk phrases

- : R10 - Flammable
- : R36/38 - Irritating to eyes and skin
- : R51/53 - Dangerous for the environment; Toxic to aquatic organisms, may cause long-term adverse effects on the aquatic environment
- : R65 - Harmful: may cause lung damage if swallowed.
- : R43 - May cause sensitization by skin contact

Safety phrases

- : S24 - Avoid contact with skin
- : S25 - avoid contact with eyes
- : S26 - In case of contact with eye, rinse immediately with plenty of water and seek medical advice.
- : S61 - avoid release to the environment. Refer to special instructions/safety data sheets.
- : S37 - wear suitable gloves
- : S62 - if swallowed, do not induce vomiting: seek medical advice immediately and show the container or label.

Abbreviations and Acronyms : (STOT) Specific Target Organ Toxicity

Document Origination : 6/3/2021

References for Sources and Data

- : EPA High Production Volume Information System (HPVIS) (www.epa.gov/hpv/)
- : US EPA ACToR: Aggregated Computational Toxicology Resource (<http://actor.epa.gov/actor/>)
- : NIH TOXNET (<http://toxnet.nlm.nih.gov>)

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