

OSHA Hazard Communication Standard 29 CFR 1900.1200
Prepared to GHS Rev. 4



**SAFETY
DATA SHEET**

SECTION 1- CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Contact Cleaner

Product Use: Solvent

Use Restrictions: For Industrial and Professional Use Only

Manufacturer: Southeastern Chemical Industries Group LLC
660 Oak Place
Port Orange, FL 32127
386-760-9332

Transportation Emergency: 800-535-5053 (INFOTRAC)

SECTION 2- HAZARDS IDENTIFICATION

1) GHS Classification of the substance or mixture:

- Flammable Liquids- Category 2
- Skin Irritation-Category 2
- Eye Irritation-Category 2A
- Germ Cell Mutagenicity-Category 1B
- Carcinogenicity-Category 2B
- Reproductive Toxicity-Category 2
- Specific target organ toxicity- single exposure- Category 3 (Central Nervous System)
- Aspiration Hazard – 1
- Acute Toxicity (Dermal)-Category 4

2) Label Elements:



Signal Word: Danger

Hazard Statements:

- H225- Highly Flammable liquid and vapor.
- H315+H320- Causes skin and eye irritation.
- H336- May cause drowsiness or dizziness.
- H340- May cause genetic defects.
- H351- Suspected of causing cancer.
- H361- Suspected of damaging fertility or the unborn child.
- H302+H312- Harmful if swallowed or in contact with skin.

Precautionary Statements:**Prevention**

P210- Keep away from open flames/hot surfaces, no smoking.

P233- Keep container tightly closed.

P264- Wash skin thoroughly after handling.

P271- Use only outdoors or in a well ventilated area.

P281- Use personal protective equipment as required.

Potential Health Effects**Carcinogenicity:**

IARC Group 2B: Possibly carcinogenic to humans
64742-49-0 Light Aliphatic Solvent

ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

HMIS Classification:

Flammability- 3
Health- 2
Physical Hazard- 0

NFPA Classification:

Flammability - 3
Health - 2
Instability – 0

SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical/Common Name</u>	<u>CAS #</u>	<u>PERCENTAGE</u>
Light Aliphatic Solvent	64742-49-0	0-100%

Special Notes: functionally equivalent petroleum streams may be found in this preparation at varying concentrations.

SECTION 4- FIRST AID MEASURES

Inhalation: Remove to fresh air and keep in a position comfortable for breathing.

Skin: Rinse with water for several minutes. Remove contaminated clothing and wash before reuse.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Ingestion: Rinse mouth if conscious (never give anything by mouth to an unconscious person. Do not induce vomiting. Contact a POISON CENTER or doctor/physician.

SECTION 5-FIRE FIGHTING MEASURES

Suitable extinguishing media: Alcohol-resistant foam
Carbon Dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous Combustion Products: Normal thermal decomposition byproducts of a hydrocarbon; i.e. CO, CO₂, etc.

Specific extinguishing methods: Use a water spray to cool fully closed containers.

**Special protective equipment
For Firefighters:** Wear self contained breathing apparatus for firefighting if necessary.

NFPA Flammable and Combustible Liquids Classification: Flammable Liquid Class IB

SECTION 6- ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions:

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up:

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see Section 13).

SECTION 7- HANDLING AND STORAGE

Advice on safe handling:

Avoid formation of aerosol. Do not breathe vapours/dust. Avoid contact with skin and eyes. Smoking, eating, and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure.

Conditions for safe storage:

No Smoking. Keep container tightly closed in a dry and well-ventilated place.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters:

Component	CAS #	ACGIH Exposure Limits	OSHA Exposure Limits
Light Aliphatic Solvent	67642-49-0	100 ppm (TWA)	500 ppm
		400 ppm	
		1,600 mg/m ³	

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless, transparent, light liquid with characteristic, hydrocarbon-like, solvent-like odor.

pH:	Not applicable
Boiling point/boiling range:	90 - 150 °C (194 - 302 °F)
Flash Point:	16 - 68°F
Evaporation Rate:	0.987 - 3.5 (n-Butyl Acetate = 1)
Upper Explosion Limit:	6.7 - 8.0 % (V)
Lower Explosion Limit:	0.8 - 1.0 % (V)
Relative Vapour density:	4.1 (Air = 1.0)
Density:	0.752g/cm ³
Bulk Density:	0.84 kg/m ³

Water Solubility: Negligible
Partition coefficient: n-octanol/water No data available
Auto-ignition temperature: 241 - 320°C

SECTION 10- STABILITY AND REACTIVITY DATA

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical Stability: Stable under normal conditions.
Possibility Hazardous Reactions: Vapors may form explosive mixture with air.
Conditions to Avoid: Keep away from heat, flame, sparks, and other ignition sources.
Incompatible Materials: Strong acids or strong oxidizing agents.

SECTION 11- TOXICOLOGICAL INFORMATION

Light Aliphatic Solvent – CAS #64742-49-0

ACUTE TOXICITY

Acute oral toxicity: Acute toxicity estimate: >5,000 mg/kg
LD50 (rat, male and female)

Method: OECD Test Guideline 402

GLP: Yes

Acute dermal toxicity: Acute toxicity estimate: >1,100 mg/kg
LD50 (rabbit, male and female): 2,000 mg/kg

Method: OECD Test Guideline 402

GLP: Yes

Skin corrosion/irritation: **Species:** rabbit
Exposure time: 4 h
Result: Irritating to skin

**Serious eye damage/eye
Irritation:** **Species:** rabbit
Result: Irritating to eyes

**Respiratory or skin
Sensitization:** **Test Type:** Buehler Test
Species: guinea pig
Result: Did not cause sensitization on laboratory animals

Germ Cell mutagenicity: Mutagenicity classification not possible from current data.

Carcinogenicity: **Assessment:** Not classified as a human carcinogen.

Reproductive Toxicity: **Assessment:** Fertility classification not possible from current data.
Embryotoxicity classification not possible from current data.

STOT

Single Exposure: **Exposure Route:** inhalation
Target Organs: Central Nervous System
Assessment: May cause drowsiness or dizziness. The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

STOT

Repeated Exposure: Causes skin irritation

Aspiration toxicity: May be fatal if swallowed and enters airways.

Further Information: Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea, and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

SECTION 12- ECOLOGICAL INFORMATION

Light Aliphatic Solvent – CAS #64742-49-0

ECOTOXICITY

Toxicity to fish: LC50: (Oncorhynchus mykiss (Rainbow Trout)): 10 mg/l
Exposure time: 96 h

Toxicity to daphnia & other aquatic invertebrates: (EC50 (Daphnia magna (Water flea)): 4.5 mg/l
Exposure time: 48 h

Toxicity to algae: EC50: (Pseudokirchneriella subcapitata (green algae)): 3.71 mg/l
Exposure time: 96 h

Ecotoxicology Assessment

Acute aquatic toxicity: Toxic to aquatic life

Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.

Persistence & degradability

Biodegradability: aerobic
Inoculum: activated sludge
Concentration: 74.30%
Exposure time: 56 d
GLP: yes
Remarks: Inherently biodegradable

Bioaccumulative potential

Partition coefficient: Remarks: No data available
n-octanol/water

Mobility in Soil: No data available

Other adverse reactions: No data available

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone – CAA Section 602 Class I Substances.

Remarks: This product neither contains, nor was manufactured with a Class I of Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CRF 82, Subpt. A, App. A + B).

Additonal ecological

Information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

SECTION 13- DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Waste from residues: Dispose of in accordance with all applicable local, state, and federal regulations.

Contaminated packaging: Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn or use a cutting torch on the empty drum.

Further information: Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of as hazardous waste in compliance with local and national regulations.

SECTION 14- TRANSPORT INFORMATION

Transport in accordance with all federal, state and local regulations.

DOT-

UN Number: UN 1268 Petroleum Distillates, N. O. S.

Hazard class: 3

Packing group: II

SECTION 15- REGULATORY INFORMATION

OSHA Hazards: Flammable liquid, carcinogen, harmful by skin absorption, moderate skin irritant, moderate eye irritant, reproductive hazard, mutagen.

SARA 304: Extremely hazardous substances Reportable Quantity: This material does not contain any components under Section 304 EHS RQ.

SARA 311/312 Hazards: Fire hazard, Chronic health hazard, Acute health hazard.

Clean Air Act: This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

Clean Water Act: This product does not contain any toxic pollutants listed under the U.S. Clean Water Act, Section 307.

Massachusetts Right to Know Components:

Product	CAS No.	Percentage
Light Aliphatic Solvent	64742-49-0	0-100%

Pennsylvania Right to Know Components:

Product	CAS No.	Percentage
Light Aliphatic Solvent	64742-49-0	0-100%

New Jersey Right to Know Components:

Product	CAS No.	Percentage
Light Aliphatic Solvent	64742-49-0	0-100%

California Prop. 65: This product contains a chemical known to the State of California to cause cancer, birth defects, or any other reproductive harm. (Benzene, Naphthalene)

SECTION 16- OTHER INFORMATION

References: Not available

Other Special Considerations: Not available

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