

# SAFETY DATA SHEET

(To comply with OSHA's Hazard Communication Standard 29CFR 1910.1200/ANSI z400.1-1993)

Prepared on: Month, Year

## 1. PRODUCT & COMPANY IDENTIFICATION

Manufactured by: RTI Formulations, LLC.  
 3774 Silver Star Road  
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 EMERGENCY TEL: 800.424.9300

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	B

Product Trade Name: **Solvent Cleaner**  
 CAS Number: 64742-48-9  
 Generic Chemical Name: Isoparaffinic Hydrocarbon

## 2. COMPOSITION INFORMATION

*This product is hazardous as defined in 29 CFR 1910.1200.  
 OSHA HAZARD - Combustible*

## 3. HAZARD IDENTIFICATION

Principal Hazards: Flammable liquid. May form combustible vapors at or above listed flashpoint. Emits toxic fumes if involved in a fire. Shut off fuel to fire.

## 4. FIRST AID MEASURES

Eyes: Flush eyes with large quantities of water. If irritation remains, seek medical attention.  
 Skin: Wash with soap and water. Remove severely contaminated clothing (including shoes) and launder before reusing.  
 Inhalation: Using proper respiratory protection, immediately remove affected person from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Seek immediate medical attention.  
 Oral: If swallowed, do NOT induce vomiting. Keep at rest. Get prompt medical attention.

## 5. FIRE FIGHTING MEASURES

Flash Point:	40°C (104°F)
Explosive Limit:	365°C (689°F)
Extinguishing Media:	Use water spray to cool fire exposed surfaces and to protect personnel. Isolate fuel supply from fire. Use foam, CO <sub>2</sub> , dry chemical or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boilover.
Unusual Fire Hazards:	This liquid is volatile and gives off invisible vapors. Either the liquid or the vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

<b>6.</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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Personal Precautions:	When containing, wear eye protection and chemical resistant gloves. Long sleeves are also recommended.
Spill Procedures:	Eliminate sources of ignition. Prevent additional discharge of material, if possible. Prevent spill from entering into sewers or waterways. Contain spill with non-combustible material (such as sand or earth). In the event of a water spill, remove from the surface of the water by skimming or absorbing. <i>This product is subject to CERCLA reporting (see section 15: Regulatory Information). Notify the National Response Center for large spills.</i>
Disposal Measures:	Consult an expert on disposal of recovered materials. Dispose in accordance with government requirements and local regulations.

<b>7.</b>	<b>HANDLING &amp; STORAGE</b>
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Storage:	Keep drums well sealed in a well-ventilated area. Store between 5°C (41°F) and 35°C (95°F) and away from incompatible materials. Avoid open flames or sparks. Avoid container over-heating by protecting from sunlight. Material will accumulate static charges which may cause electric spark; use proper ground procedures. Do not pressurize, cut, heat or weld containers. Do not reuse empty containers without commercial cleaning or reconditioning.
Handling:	Where prolonged exposure and use is likely, wear safety glasses with side shields, long sleeves and chemical resistant gloves. Where splashing is unlikely but may occur, wear protective eye wear.

<b>8.</b>	<b>EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>
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Exposure Controls:	The use of local exhaust ventilation to control process emissions near the source is recommended, especially in confined spaces.
Respiratory Protection:	Where concentration in air may exceed the occupational exposure limits given in Section 2 or where work practices are inadequate, approved respirators may be necessary to prevent over-exposure by inhalation.
Hand Protection:	Wear chemical resistant gloves if prolonged exposure to skin is likely.
Eye Protection:	Wear safety glasses.

<b>9.</b>	<b>PHYSICAL &amp; CHEMICAL PROPERTIES</b>
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Form:	Liquid
Color:	Clear, colorless
Odor:	Mild petroleum smell
Flash Point:	40°C (104°F)
Vapor Pressure:	1.73 mmHg at 68°F (estimate)
Specific Gravity:	0.75 (at 60°F)
Water Solubility:	<0.01% at 71°F
Vapor Density:	5.03
Boiling Point:	163-176°C (325-349°F)
Freezing Point:	-57°C (-71°F)

<b>10.</b>	<b>STABILITY &amp; REACTIVITY</b>
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Hazardous Reactions:	None
Stability:	Stable
Incompatible Materials:	Strong oxidizing agents
Polymerization:	Will not occur.

<b>11.</b>	<b>TOXICOLOGICAL INFORMATION</b>
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#### ACUTE EXPOSURE

Eye Irritation:	Contains mild irritants.
Skin Irritation:	Low toxicity. Frequent or prolonged exposure to skin may cause irritation or rash. Skin contact may aggravate existing dermatitis condition.
Inhalation Toxicity:	High vapor concentrations (greater than 1000ppm, approx.) are irritating to the eyes and respiratory tract and may cause headaches, dizziness, anesthesia and other nervous system effects including death.

Oral Toxicity: Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause mild to sever pulmonary injury and possibly death.

<b>12.</b>	<b>ECOLOGICAL INFORMATION</b>
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*No specific ecological data are available for this product. Please refer to Section 6 of this data sheet for information regarding accidental releases and Section 15 for regulatory reporting information.*

<b>13.</b>	<b>DISPOSAL CONSIDERATIONS</b>
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Waste Disposal: Consult an expert on disposal of recovered materials. Do not discharge into streams or waterways without proper authorization.

<b>14.</b>	<b>TRANSPORT INFORMATION</b>
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Transport: Non-bulk: ground transport only, ORM-D

UN number: 1866  
 ADR class: 3.31°C  
 IMDG class: 3.3°C, page 3375, Ems 3.07, Mfag311  
 RINA class: 3C.46  
 IATA class: 3 gr 3°  
 Packaging Group: III

<b>15.</b>	<b>REGULATORY INFORMATION</b>
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TSCA: This product is listed on the TSCA Inventory at CAS Registry Number 64742-48-9

Clean Water Act/  
 Oil Pollution Act: This product is classified as an oil under Section 311 of the Clean Water Act (40CFR110) and the Oil Pollution Act of 1990. Discharge or spills which produce a visible sheen on either surface water or in waterways/sewers which lead to surface water must be reported to the National Response Center (800-424-8802).

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act. We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this

product is classified into the following hazard category:  
Fire.

This information may be subject to the provisions of the  
Community Right-To-Know Reporting Requirements  
(40CFR370) if threshold quantity criteria are met.

<b>16.</b>
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<b>OTHER INFORMATION</b>
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*User shall determine the suitability of the product for their intended use and assume all risk and liability in connection therewith. All information supplied by RTI Formulations, LLC is based on our belief that this is reliable and is intended for use by persons having technical skill at their own discretion and risk. Since conditions of use are outside Related Technologies, Inc. control, we can assume no liability for results obtained or damages incurred through the application of the data presented.*