



## ABATRON, INC.

5501 – 95th Ave., Kenosha, WI 53144 U.S.A  
(262) 653-2000 Fax (262) 653-2019  
www.abatron.com e-mail: info@abatron.com  
24 Hour Emergency No: (800) 424-9300

# Safety Data Sheet

### SECTION 1: Product Identification

**Product Name:** Abosolv

**Product Code:** Abosolv

**Product Class:** Liquid Hydrocarbon

**Product Type:** Organic Solvent

**Manufacturer/Supplier:**

Abatron Incorporated  
5501 95<sup>th</sup> Ave., Kenosha WI, 53144  
Phone: 262-653-2000

**Telephone:**

For 24 Hour Emergency Assistance  
Call CHEMTREC (800) 424-9300

### SECTION 2: Hazard Identification

**Emergency Overview: Danger!** Flammable liquid and vapor. May be fatal if swallowed. Suspect cancer hazard. Causes eye irritation. Causes skin irritation. Harmful if absorbed through skin. Harmful if inhaled.



**Primary Routes of Entry:** Eye and skin contact, breathing vapors, ingestion, and skin absorption.

#### **Symptoms of Exposure**

**Eye Contact:** Causes eye irritation.

**Skin Contact:** Causes skin irritation. Harmful if absorbed through skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

**Inhalation:** Harmful if inhaled. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor.

**Ingestion:** May be fatal if swallowed. Harmful or fatal if liquid is aspirated into lungs.

**Effect of Over-exposure:** Respiratory tract irritation and coughing. Pre-existing skin disorders may be aggravated by over-exposure. Prolonged exposure may cause headache, nausea, weakness, lightheadedness, and stupor.

**Chronic and Other Health Effects:** Suspect cancer hazard.

### SECTION 3: Composition/Ingredient Information

**Composition:** Trade secret

### SECTION 4: First-Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes and check for and remove contacts. Hold eyelids apart to rinse entire eye surface. Seek medical attention. Continue washing if medical attention is not immediately available.

**Skin Contact:** Wipe off excess immediately and wash affected area with soap and water. Remove contaminated clothing or shoes and seek medical attention. Continue washing if irritation persists.

**Inhalation:** If inhaled, remove victim to fresh air and consult medical personnel immediately. If person is not breathing or breathing is irregular, provide oxygen with the aid of trained personnel only. If unconscious, place in recovery position and seek medical attention immediately.

**Ingestion:** Wash out mouth with small amounts of water and remove person to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention immediately. If unconscious, place in recovery position. Never give anything by mouth to an unconscious person.

### **SECTION 5: Fire-Fighting Measures**

**Flash Point:** >105 °F (>40.5 °C)

**Method Used:** ASTM D-56

**Flammable Limits (STP In Air)**

**LFL:** 0.9      **UFL:** 6.2

**Extinguishing Media:** Alcohol-resistant foam, CO<sub>2</sub>, and dry chemicals.

**Specific Hazards and Procedures:** Remove all persons from the vicinity. Burning material may generate large amounts of vapor and produce noxious and toxic fumes and gases. Vapors are flammable and may travel across the ground and reach remote ignition sources. Prevent runoff from fire control or dilution from entering waterways.

**Specific Fire Fighting Equipment:** Firefighters should wear a Self-Contained Breathing Apparatus and personal protective clothing.

### **SECTION 6: Accidental Release Measures**

**Personal Protective Measures:** Shut off all ignition sources. Provide adequate ventilation and avoid all personnel contact. Wear adequate protective clothing. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Wear an appropriate respirator when ventilation is inadequate. Use appropriate safety equipment before taking any action.

**Clean Up/Disposal Method:** Remove container from spill area and scrape up material and place in appropriate waste disposal container. Remove residual resin with non-flammable solvent and flush contaminated area with hot water. Do not dump waste into any sewers, on the ground or into any body of water. Avoid dispersal of spilled material and runoff. All disposal methods must be compliant with all Federal, State, and local laws and regulations.

### **SECTION 7: Handling and Storage**

**Precautions:** Do not get in eyes, on skin or on clothing. Avoid any forms of ingestion. Do not breathe vapor, mist or spray. Use only with good ventilation or use suitable respiratory protection. Wear suitable protective clothing. Remove contaminated clothing and wash before reuse. Destroy contaminated

leather. Wash thoroughly after handling. Do not eat or drink in areas where material is stored or in use. Wash hands and face before eating or drinking after using this product.

**Storage Information:** Store in tightly sealed, original container in a cool, dry place. Keep container sealed until use.

### **SECTION 8: Exposure Controls/Personal Protection**

#### **Occupational Exposure Limits:**

OSHA	PEL/TWA	None Available
ACGIH	TLV/TWA	None Available

**Engineering Controls:** Good general mechanical ventilation and local exhaust are recommended. If user operations generate vapor, process enclosures or local exhaust may be necessary.

#### **Personal Protective Equipment**

**Respiratory:** If local exhaust ventilation is inadequate, use a properly fitted, air-purifying mask suitable to the level of anticipated exposure.

**Skin Protection:** Wear protective clothing suitable to the conditions of use. Clean, body-covering clothing and protective gloves should be worn at all times when handling the product.

**Eye Protection:** Use properly fitted safety glasses. If vapor exposure causes eye or respiratory tract discomfort, a full-face respirator may be necessary.

**Other:** Handle in accordance with good industrial hygiene and safety practice. Wash hands, forearms, and face thoroughly after using the material.

### **SECTION 9: Physical and Chemical Properties**

**Appearance:** Clear, colorless liquid

**Odor Threshold:** NA

**Freezing Point:** 7 °F (-14 °C)

**Flash Point:** >105 °F (>40.5 °C)

**Flammability:** LEL: 0.9 UEL: 6.2

**Vapor Pressure:** < 1.97 mmHg @ 20 °C

**Specific Gravity:** 0.874

**% Volatile by Vol:** <99%

**Decomposition Temperature:** NA

**Odor:** Irritating aromatic odor

**pH:** NA

**Boiling Point:** >322 °F(>161 °C)

**Evaporation Rate:** 0.27

**Explosive Limits:** NA

**Vapor Density (Air = 1):** 4.2 @ 101 kPa

**Solubility In Water:** Negligible

**Auto-Ignition Temp.:** 479 °C

**Viscosity:** 1.00-5.00cPs

### **SECTION 10: Stability and Reactivity**

**Stability:** Stable under normal conditions. Prolonged excessive heat may cause partial degradation.

**Incompatibility:** Avoid heat, sparks, open flames and other ignition sources. Contact with strong oxidizing materials, strong acids and strong bases.

**Hazardous Decomposition Products:** Material does not decompose at ambient temperatures.

**Hazardous Polymerization:** Will not occur by itself, but masses of more than 3-5 lbs of product plus an amine may cause an irreversible reaction with considerable heat buildup.

## **SECTION 11: Toxicological Information**

**Routes of Exposure:** Skin contact, eye contact, vapor inhalation.

**Primary Symptoms:** Product is mildly irritating with prolonged skin contact and may cause mild, short-lasting discomfort to eyes. Prolonged skin contact may cause dermatitis. Material vapor can be irritation to the respiratory and digestive tracts, and may be harmful if swallowed or inhaled in large amounts. Vapor above exposure levels can be irritating to eyes as well.

**Effects of Overexposure:** Overexposure to vapors can cause dizziness, headaches and other central nervous system effects.

### **Acute Toxicity**

**Oral LD50 (Rat):** > 3,000 mg/kg

**Dermal LD50 (Rabbit):** > 3,160 mg/kg

**Carcinogenicity:** The material cumene (CAS# 98-82-8) is classified by the IARC as a 2B, possibly carcinogenic to humans, material. This classification is based off of limited to no evidence of carcinogenicity in humans and less than sufficient evidence of carcinogenicity in animal testing.

## **SECTION 12: Ecological Information**

**Ecotoxicity:** Material is expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**Persistence/Degradability:** Material is expected to be readily biodegradable and degrade rapidly in air. Material is not expected to transform due to hydrolysis or photolysis.

**Bioaccumulation:** No data is available on the product itself.

**Mobility in Soil:** Material is highly volatile and will spread rapidly to air. The material is not expected to spread to sediment and wastewater solids.

**Other Adverse Effects:** No data available.

## **SECTION 13: Disposal Considerations**

Disposal considerations apply only to the product as shipped in its original container.

**Waste Disposal:** The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional/local authority requirements. Avoid dispersal of material and runoff, and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transportation Information**

### **DOT/IATA:**

**Proper Shipping Name:** Petroleum Distillates, N.O.S. (naphtha solvent)

**Hazardous Class:** 3

**ID Number:** UN1268

**Packing Group:** III  
**Marine Pollutant:** No  
**Special Precautions:** None

**SECTION 15: Regulatory Information**

**HCS Classification:** Classified by OSHA 29CFR 1910.1200 as a Hazardous Material.

**TSCA Status:** All materials are either included on or exempt from the TSCA Inventory of Chemical Substance. This product does not contain any components subject to TSCA 12(b) export notification.

**Sara 313:**

<u>Name</u>	<u>CAS #</u>	<u>Concentration</u>
Cumene	98-82-8	<1.1%
Pseudocumene (1,2,4-Trimethylbenzene)	95-63-6	<32%
Xylene	1330-20-7	<2.2%

**SECTION 16: Other Information**

**Created:** April 1, 2000

**Last Updated:** April 27, 2016

---

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESS OR IMPLIED, IS MADE.