

# S A F E T Y   D A T A   S H E E T



## Madison Chemical Co., Inc.

3141 Clifty Drive • Madison, IN 47250

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

NAME:

**SOLVOL 948 CL**

TYPE:  
PRODUCT #

Emulsifiable oil  
825101

**FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN**

#### EMERGENCY RESPONSE INFORMATION:

CHEMTREC                      800-424-9300                      24-Hour Service  
Company Offices:              812-273-6000                      Weekdays

PREPARED DATE:

6-22-18

PREPARED BY:

Natalie Green

### SECTION 2: HAZARDS IDENTIFICATION

<b>GHS Classification</b>	Acute Toxicity, Inhalation	Category 4	H332
	Skin Corrosion/Irritation	Category 3	H316
	Serious Eye Damage/Eye Irritation	Category 2B	H320
	Aquatic Toxicity (Acute)	Category 3	H402

Signal Word

**WARNING**

Symbol



Hazard Statements

H316 Causes mild skin irritation.  
H320 Causes eye irritation.  
H332 Harmful if inhaled.  
H402 Harmful to aquatic life.

Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash hands, forearms, and exposed areas thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Only use outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P363 Wash contaminated clothing before reuse.  
P501 Dispose of contents / container according to local, regional, national and international regulations.

# SAFETY DATA SHEET

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>SYNONYM</u>	<u>CAS NO.</u>	<u>% BY WEIGHT</u>
Light hydrotreated naphthenic oil	None	64742-52-5	70 – 80

\*If Chemical Name/CAS No is "proprietary" and/or % By Weight is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret\*

## SECTION 4: FIRST AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES:

<b>EYES:</b>	Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician.
<b>SKIN:</b>	Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.
<b>INGESTION:</b>	DO NOT INDUCE VOMITING. Give water. Call a physician. DO NOT give anything by mouth if the person is unconscious or if having convulsions.
<b>INHALATION:</b>	Move subject to fresh air and get medical attention.
<b>PRIMARY ROUTE(S) OF ENTRY:</b>	Eyes, ingestion.

### MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED:

<b>EYE CONTACT:</b>	Contacted areas may exhibit irritation.
<b>SKIN CONTACT:</b>	Contacted areas may exhibit irritation.
<b>INGESTION:</b>	May be harmful if swallowed. Minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possible death.
<b>INHALATION:</b>	No hazard in normal industrial use.
<b>CHRONIC SYMPTOMS:</b>	None expected under normal conditions of use.

### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:

If you experience any of the symptoms / effects listed above seek medical advice.

## SECTION 5: FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA:

Foam, water spray (fog), dry chemical, carbon dioxide.

### SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Not considered flammable or explosive. Hazardous reactions will not occur under normal conditions.

### ADVICE FOR FIRE FIGHTERS:

Wear self-contained breathing apparatus and full protective clothing. Use water spray to keep containers cool and to disperse vapors.

**Hazardous Combustion Products:** Carbon monoxide, sulfur oxides, fumes, smoke.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

Avoid all contact with skin, eyes and clothing. Wear safety eyewear to protect against unexpected splashes. Wear suitable protective clothing. Use NIOSH / MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Contain liquid spills with sand and absorb on inert material. Dispose with solid waste. See Waste Disposal Method. Do not discharge to sewers or waterways without proper treatment.

# SAFETY DATA SHEET

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Wear proper safety equipment when handling this product. Handle in accordance with good industrial hygiene and safety procedures.

### CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:

Store in a cool place away from strong oxidizing agents. Keep container closed when not in use. If product freezes, reconstitute using mild agitation.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### CHEMICAL IDENTITY

Light hydrotreated naphthenic oil

\*PEL / TLV is for oil mist in air.

#### CAS NO.

64742-52-6

#### OSHA PEL

5 mg / M<sup>3</sup>\*

#### ACGIH TLV

5 mg / M<sup>3</sup>\*

### ENGINEERING CONTROLS:

As necessary to avoid inhalation and contact.

### INDIVIDUAL PROTECTION MEASURES:

Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. The following information may be used to assist in PPE selection.

### RESPIRATORY PROTECTION:

In absence of proper environmental control, use NIOSH / MSHA approved positive pressure supplied air respirator for mists where airborne exposure is excessive.

### SKIN PROTECTION:

Impermeable gloves. Other equipment as required to avoid contact.

### EYE PROTECTION:

Safety eyewear to protect against unexpected splashes.

### GENERAL HYGIENE CONSIDERATIONS:

Eyewash facility and emergency shower should be in close proximity. Always wash hands after handling any chemical.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

Clear, brown liquid.

### ODOR:

Mild.

### ODOR THRESHOLD:

Not available.

### pH (10% emulsion):

9.5 – 10.0

### MELTING POINT/FREEZING POINT

10°F.

### INITIAL BOILING POINT AND BOILING RANGE

520°F (271°C).

### FLASH POINT (METHOD USED)

315°F minimum (COC).

### EVAPORATION RATE

Less than 0.01 (Butyl acetate = 1).

### FLAMMABILITY (SOLID, GAS)

Not available.

### UPPER/LOWER FLAMMABLE OR EXPLOSIVE LIMIT

7.0%; 0.9%

### VAPOR PRESSURE

Less than 0.01 @ 20°C.

### VAPOR DENSITY

Greater than 5.

### SPECIFIC GRAVITY

0.92

### SOLUBILITY IN WATER

Emulsifiable.

### PARTITION COEFFICIENT: N-OCTANOL/WATER

Not available.

### AUTO-IGNITION TEMPERATURE

Not available.

### VISCOSITY, DYNAMIC

Not available.

### DECOMPOSITION TEMPERATURE

Not available.

### VISCOSITY

Not available.

# SAFETY DATA SHEET

## SECTION 10: STABILITY AND REACTIVITY

<b>REACTIVITY:</b>	Hazardous reactions will not occur under normal conditions.
<b>CHEMICAL STABILITY:</b>	Stable under recommended handling and storage conditions (see Section 7).
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	Hazardous polymerization will not occur.
<b>CONDITIONS TO AVOID:</b>	Heat and open flames.
<b>INCOMPATIBLE MATERIALS:</b>	Strong oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon monoxide, sulfur oxides, fumes, smoke.

## SECTION 11: TOXOLOGICAL INFORMATION

<b>ACUTE TOXICITY:</b>	Not classified.
<b>LD50 AND LC50 DATA:</b>	Not available.
<b>ROUTES OF EXPOSURE / SYMPTOMS</b>	
<b>EYES:</b>	Contacted areas may exhibit irritation.
<b>SKIN:</b>	Contacted areas may exhibit irritation.
<b>INGESTION:</b>	May be harmful if swallowed. Minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possible death.
<b>INHALATION:</b>	No hazard in normal industrial use.
<b>GERM CELL MUTAGENICITY:</b>	Not classified.
<b>TERATOGENICITY:</b>	Not available.
<b>CHRONIC EFFECTS / CARCINOGENICITY:</b>	This material contains no ingredient above de minimus concentrations known or suspected to cause cancer.
<b>SPECIFIC TARGET ORGAN TOXICITY (Repeated exposure):</b>	Not classified.
<b>REPRODUCTIVE TOXICITY:</b>	Not classified.
<b>SPECIFIC TARGET ORGAN TOXICITY (Single exposure):</b>	Not classified.
<b>ASPIRATION HAZARD:</b>	Not classified.
<b>COMPONENT INFORMATION:</b>	
Light hydrotreated naphthenic oil	No data.

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY** The ecotoxicity of this product is not known

### COMPONENT INFORMATION

Light hydrotreated naphthenic oil No data.

**PERSISTENCE AND DEGRADABILITY:** Not available.

**BIOACCUMULATIVE POTENTIAL:** Not available.

**MOBILITY IN SOIL:** Not available.

**OTHER ADVERSE EFFECTS:** This material contains no hazardous air pollutants (HAPS).

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD** Normal for petroleum hydrocarbons. Dispose in accordance with local, state and federal regulations.

## SECTION 14: TRANSPORTATION INFORMATION

**DOT PROPER SHIPPING NAME:** Compound, cleaning, NOI, liquid

**HAZARD CLASS:** Not applicable.

**IDENTIFICATION NUMBER:** Not applicable.

**PACKING GROUP:** Not applicable.

**EMERGENCY RESPONSE GUIDE:** Not applicable.

# SAFETY DATA SHEET

## SECTION 15: REGULATORY INFORMATION

**VOC:** 0.1 pounds per gallon (14 grams per liter).  
**TSCA STATUS** All ingredients are listed on the TSCA inventory.  
**CERCLA REPORTABLE QUANTITY** None established.

### SARA 311 / 312 HAZARD CLASSES

<b>x</b>	ACUTE HEALTH
<b>x</b>	FIRE
	SUDDEN RELEASE OF PRESSURE
	CHRONIC HEALTH
	REACTIVE

### SARA 312 INFORMATION

Storage of 10,000 pounds or more may require filing a Tier 2 form. Threshold planning quantity for reporting is 10,000 pounds. This material is not an extremely hazardous substance (EHS).

### SARA 313 INFORMATION

This material contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

### CHEMICAL NAME

None

### CATEGORY CODE

### CAS NUMBER

### % BY WEIGHT

### STATE REGULATORY INFORMATION

#### CALIFORNIA PROPOSITION 65

California has not identified the ingredients listed in Section 3 as known to cause cancer or reproductive toxicity.

## SECTION 16: OTHER INFORMATION

**SDS STATUS:** Sections 1, 2, 3, and 16 revised on 06-22-18

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

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