

## MATERIAL SAFETY DATA SHEET

### E - Z LEMON OIL FURNITURE TREATMENT

EMERGENCY CONTACT: FOR CHEMICAL EMERGENCY - SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT  
CALL CHEMTREC AT 1-800-424-9300, DAY OR NIGHT

<u>INDEX</u>	<u>HMIS</u>	<u>NFPA</u>
4 - Extreme	Health 1	Health 1
3 - High	Flammability 2	Flammability 2
2 - Moderate	Reactivity 0	Reactivity 0
1 - Slight		
0 - Least		

### Section 2. CHEMICAL AND PHYSICAL PROPERTIES

**CHEMICAL NAME:**

petroleum hydrocarbon

**FORMULA:**

not applicable

**HAZARDOUS DECOMPOSITION PRODUCTS:**

carbon monoxide and carbon dioxide from burning

**INCOMPATIBILITY (Keep away from):**

strong oxidizers such as hydrogen peroxide, bromine, and chromic acid

**TOXIC AND HAZARDOUS INGREDIENTS:**

	<u>%</u>	<u>CAS #</u>	<u>OSHA</u>	<u>ACGIH</u>
Stoddard Solvent	89	8052-41-3	100 ppm	
1,2,4 Trimethylbenzene	2	95-63-6	25 ppm	
Tung Oil	8	n/a		
Fragrascent of Lemon	1	n/a		

**FORM:**

liquid

**ODOR:**

mild petroleum  
lemon

**APPEARANCE:**

low viscosity liquid  
(free flow lqd. - no sed.)

**COLOR:**

colorless  
colorless to pale yellow

**SPECIFIC GRAVITY (water=1):**

0.77

(25/25 degrees C) 0.8450 - 0.8550

**BOILING POINT:**

greater than 154 deg. C (310 deg. F)

**MELTING POINT:**

not applicable

**SOLUBILITY IN WATER (by weight %):**

0 at 20 deg. C  
insoluble

**VOLATILITY (by weight %):**

100

EVAPORATION RATE:

(n buytl acetate = 1) .2

VAPOR PRESSURE (mm Hg at 20 deg. C):

3

not available

VAPOR DENSITY (air = 1):

4.85

greater than 1

pH (as is):

not applicable

STABILITY:

Product is stable under normal conditions

Normally stable even at elevated temperature and pressures.

VISCOSITY SUS at 100 deg F:

Less than 100

REFRACTIVE INDEX:

(25/25 Degrees C) 1.4600 - 1.4800

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Section 3. FIRE AND EXPLOSION DATA

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SPECIAL FIRE FIGHTING PROCEDURES

Do not use water except as fog.

None

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Avoid all ignition sources such as flames and sparks

None

FLASHPOINT:

(Method Used) Tag closed-up                      43 deg. C                      (110 deg. F)    115 (Closed Cup) Degrees F

FLAMMABLE LIMITS %:

Lower: 1    Upper: 7

EXTINGUISHING AGENTS:

Drychemical or Waterfog or CO<sub>2</sub> or Foam

Closed containers exposed to fire may be cooled with water.

Carbon Dioxide, foam, or dry chemical

HAZARDOUS COMBUSTION PRODUCTS:

Burning liberates carbon monoxide, carbon dioxide, and smoke.

CONDITIONS TO AVOID:

Excessive Heat

MATERIALS TO AVOID:

Strong oxidizing agents

HAZARDOUS POLYMERIZATION:

Will not occur.

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Section 4. HEALTH HAZARD DATA

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PERMISSIBLE CONCENTRATIONS (air):

STODDARD SOLVENT                      (8052-41-3)

OSHA PEL                      100 ppm

ACGIH TLV                      525 mg/m<sup>3</sup>

TRIMETHYLBENZENE

OSHA PEL                      25 ppm

ACGIH TLV                      125 mg/m<sup>3</sup>

CHRONIC EFFECTS OF OVEREXPOSURE:

no data available

ACUTE TOXICOLOGICAL PROPERTIES:

for stoddard solvent: inhalation-irritation of eyes, nose and throat, dizziness; skin contact-dermatitis; eyes-irritation; ingestion-nausea, vomiting. Large amounts, if retained, lead to symptoms of central nervous system depression.

EMERGENCY FIRST AID PROCEDURES:

Eyes: Immediate flush with large quantities of water for at least 15 minutes and call a physician.  
Flush immediately with copious amount of water. If irritation persists, obtain medical advice.

Skin Contact: Remove excess with cloth or paper. Wash thoroughly with soap and water.  
Wash well with soap and water.

Inhalation: Remove victim to fresh air. Call a physician.  
If overcome, remove to fresh air immediately. Call physician.

If Swallowed: Call a physician immediately. DO NOT induce vomiting. (Vomiting may cause aspiration into lungs resulting in chemical pneumonia.)  
Rinse mouth with water. Give up to one tumbler of milk or water.  
Obtain medical advice immediately.

Other: None.

ROUTES OF ENTRY:

Inhalation, skin/eye contact, ingestion

TARGET ORGAN(S):

Respiratory system, central nervous system, skin and eyes

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting eye, skin and respiratory disorders.

As required under Title II Section 313 of the Emergency Planning and Community Right - to - Know Act we are reporting the D.E.P. (CAS # 84 - 66 - 2) content in the following compound(s) currently being purchased from Intarome. Please add this information to your M.S.D.S. files.

One or more of the components present in greater than 1% concentration, may present the following health effects. Based on evaluation of the individual components.

Liquid and vapor may be irritation to skin, eyes, throat, and lungs.

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Section 5. SPECIAL PROTECTION INFORMATION

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VENTILATION TYPE REQUIRED (Local, mechanical, special):

Local is necessary to maintain allowable PEL (permissible exposure limit) or TLV (threshold limit value)  
General ventilation satisfactory.

RESPIRATORY PROTECTION (Specify type):

Use NIOSH/MSHA certified respirator with dual organic vapor/mist and particulates cartridge if vapor concentration exceeds permissible exposure limit.

PROTECTIVE GLOVES:

neoprene type

EYE PROTECTION:

chemical safety goggles

OTHER PROTECTIVE EQUIPMENT:

eye wash facility

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**Section 6. HANDLING OF SPILLS OR LEAKS**

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**PROCEDURES FOR CLEAN-UP:**

Avoid all ignition sources such as flames and sparks. Insure good ventilation. If volume is significant, transfer into containers for disposal. Seal container tightly. Absorb on an inert ingredient such as earth, sand or vermiculite. Sweep up and dispose of according to Federal, State and local regulations.

**PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED:**

Dike and absorb spill with an inert material such as sand or earth, and transfer to a suitable container for disposal.

**WASTE DISPOSAL:**

Dispose of in accordance with all applicable federal, state and local regulations.

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**Section 7. SPECIAL PRECAUTIONS**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Avoid all ignition sources such as flames and sparks.

Do not handle or store at temperatures over 38 deg. C (100 deg. F).

**MAXIMUM STORAGE TEMPERATURE:**

38 deg. C (100 deg. F)

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**Section 8. TRANSPORTATION DATA**

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**D. O. T.:**

Regulated

**U. S. D. O. T. PROPER SHIPPING NAME & [CONTAINER MODE]:**

PAINT RELATED MATERIAL [Gallon/Quart/Pint]

**U. S. D. O. T. HAZARD CLASS:**

Combustible liquid

**ID NUMBER:**

UN 1268, PG 111, (Stoddard Solvent), ERG 128 [Bulk]

**LABEL(S) REQUIRED:**

none

**REPORTABLE QUANTITY:**

none

**FREIGHT CLASSIFICATION :**

Stoddard solvent-Combustible liquid

**SPECIAL TRANSPORTATION NOTES:**

DOMESTIC: Unregulated by DOT when shipped in containers of less than 118.9 gallons.

EXPORT: Regulated as Flammable Liquid, N. O. S., (Stoddard Solvent), 3.3, UN 1268, PG 111, Category A, IMDG 3375.

**OTHER TRANSPORT INFORMATION**

The DOT Transport Information may vary with the container and mode of shipment.

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**Section 9. ENVIRONMENTAL/SAFETY REGULATIONS**

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**SECTION 313 (TITLE III SUPERFUND AMENDMENT AND REAUTHORIZATION ACT):**

This product contains the following chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (the corresponding CAS number and percent by weight are also provided):

1,2,4 trimethyl benzene	CAS # 95-63-6	2.67%
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COMMENTS

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STATE REGULATORY INFORMATION:

PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT: This product contains the following ingredients listed in Appendix A Hazardous Substance List:

<u>Component</u>	<u>CAS No.</u>
stoddard solvent	8052-41-3

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LABEL INFORMATION

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CAUTION! COMBUSTIBLE MIXTURE

Contains Stoddard Solvent - CAS No. 8052-41-3

A hydrocarbon solvent useful for parts cleaning baths. Use wherever a Stoddard Solvent or Mineral Spirits is recommended. E-Z Paint Thinner does not contain any chlorinated solvent.

Use adequate ventilation to insure that fumes do not come in contact with sources of ignition such as flames and sparks. Avoid prolonged breathing of mist or vapors and prolonged or repeated skin contact. Use NIOSH/OSHA approved respirator, and chemical splash goggles to prevent eye contact.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush immediately with large amounts of water for a least 15 minutes. Call physician.

Skin Contact: Remove excess with cloth or paper. Wash thoroughly with soap and water.

Inhalation: Remove victim to fresh air. Call a physician. The OSHA permissible exposure limit for stoddard solvent is 100 ppm.

If Swallowed: Do not induce vomiting. Call a physician immediately.

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