

### 01 Chemical Product and Company Identification

**Product Name** Formula 90  
**Product Use** Paints, Oils and Grease Remover  
**Product Code** 3907  
**For Medical Emergency** Call 'Chemtrec' 1-800-424-9300  
**Supplier's Information** Santec Inc.  
 1420 East Linden Avenue, Linden NJ 07036

### 02 Hazards Identification

**GHS Classification:** 1. Skin - Category 2  
 2. Eyes - Category 2  
 3. Flammability - Category 3

**GHS Label Elements:**



**Signal Word:** Flammable

**Hazard Statement:** For external use only. Keep away from heat, sparks, flames. Keep out of reach of children.

**Precautionary Statements:** Wear protective gloves, splash goggles, protective clothing and face protection.

**Acute Effects**

**Eyes:** Substance may cause substantial eye irritation and possible damage.

**Skin:** May cause skin irritation.

**Inhalation:** Extreme concentration may cause unconsciousness or death.

**Ingestion:** Moderately toxic. May be absorbed and cause central nervous system depression, in extreme cases unconsciousness and death. May cause vomiting.

**Chronic Effects**

**Carcinogenicity:** No known critical effects or critical hazards.

**Product /Ingredient Name:** Not available.

### 03 Composition/ Information on Ingredients

Name of Hazardous Ingredients	CAS No.	WT.%
Ethylene Glycol Monobutyl Ether	111-76-2	35-45
Amyl Acetate	628-63-7	20-30
Dodecylbenzene Sulfonic Acid	27176-87-0	15-25
Triethanolamine	102-71-6	10-15

### 04 First Aid Measures

**Eye Contact:** Check for and remove any contact lenses. Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention immediately.

**Skin Contact:** Flush with soap and water. Seek medical attention if irritation persists.

**Inhalation:** Remove to fresh air. Seek medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Drink 1-2 cups of water. Seek medical attention immediately.

### 05 Fire Fighting Measures

**Suitable Fire Extinguishing Media:** Use water spray, fog or foam, dry chemical or CO<sub>2</sub>

**Specific Hazards Arising from the Chemical:** In a fire or if heated, a pressure increase will occur and the container may burst, with risk of subsequent explosion.

**Hazardous Thermal Decomposition Products:** No Specific Data

**Specific Fire-Fighting Methods:** None known.

**Specific Protective Equipment for Fire-Fighters:** Fire fighters should wear appropriate protective equipment for a flammable material.

**Unusual Fire and Explosion Hazards:** Product is flammable due to alcohol content.

### 06 Accidental Release Measures

**Spill Clean Up:** Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move Containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

### 07 Handling and Storage

**Handling:** Keep away from sources of ignition. No smoking. Keep away from children. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container.

**Storage:** Flammable Liquid. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Store between the following temperatures: 4.44 to 40°C (40 to 100°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink.

### 08 Exposure Controls/ Personal Protection

Ingredient Name	Exposure Limits
Ethylene Glycol Monobutyl Ether	OSHA PEL 240 mg/m <sup>3</sup>
Amyl Acetate	TWA 100 ppm ACGIH (TLV)
Dodecylbenzene Sulfonic Acid	OSHA PEL 1 mg/m <sup>3</sup>
Triethanolamine	TWA 5 ppm ACGIH (TLV)

#### Personal Protective Equipment (PPE)

**Eyes:** Safety glasses, face shield.

**Skin:** Use synthetic apron, other protective equipment as necessary to prevent skin contact.

**Body:** For prolonged or repeated handling, use nitrile gloves, rubber gloves or neoprene gloves.

**Respiratory:** A self contained breathing apparatus should be used to avoid inhalation of product. Be sure to use approved /certified respirator or equivalent.

### 09 Physical and Chemical Properties

<b>Physical State</b>	Clear liquid
<b>Color</b>	Yellow to amber
<b>Odor</b>	Strong acetate
<b>pH</b>	N/A
<b>Flash point</b>	104°F
<b>Explosion limits</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Melting point</b>	Not available
<b>Boiling point</b>	Not available
<b>Evaporation rate (butyl acetate = 1)</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density (air = 1)</b>	≈ 4
<b>Relative density</b>	0.92
<b>Solubility</b>	Dispersible in water
<b>Partition coefficient n-octano/water</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Odor threshold</b>	Not available
<b>Viscosity</b>	Kinematic (room temperature): ≤ 10 cSt (CPS)

### 10 Stability and Reactivity

**Stability:** The product is stable.

**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid:** Keep away from fire or flame. Avoid ignition sources.

**Materials to avoid:** Strong oxidizers, excessive heat, sparks or open flame.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition should not be produced. When decomposed under heat, carbon oxides are produced.

### 11 Toxicological Information

Product /Ingredient Name	Result	Species	Dose
Ethylene Glycol Monobutyl Ether	LD50 Oral	Rat	1746 mg/kg
Amyl Acetate	LD50 Oral	Rat	6500 mg/kg
Dodecylbenzene Sulfonic Acid	LD50 Oral	Rat	650 mg/kg
Triethanolamine	LD50 Oral	Rat	6400 mg/kg

### 12 Ecological Information

N/A

### 13 Disposal Considerations

#### Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

### 14 Transport Information

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
<b>DOT Classification</b>	1104	Flammable liquid, n.o.s.	3	III	

#### Product sold in quart - D.O.T. NOT REGULATED

**Note:** DOT classification applies to most package sizes. For specific container size classifications or size exceptions, refer to the bill of lading with your shipment.

**PG\*:** Packing Group

### 15 Regulatory Information

#### U.S. Federal Regulations

**TSCA 8(b) inventory:** All components are listed or exempted.

**SARA 302/304/311/312 extremely hazardous substances:** No listed substance

**SARA 302/304 emergency planning and notification:** No listed substance

SARA 313	Product name	CAS number	Concentration
Form R-Reporting requirements	No listed substance		

### 16 Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

\*Hazard Determination System (HDS):

Health	2
Reactivity	0
Flammability	3

**Date of Issue: 06/21/2016**

\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.