



Shay and Company  
10639 SE Fuller Rd  
Milwaukie, OR 97222  
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info@shayandcompany.com

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# SAFETY DATA SHEET

Version: 1.0

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## 1. Product and Company Identification:

**Product: Isopropyl Palmitate**

**Item Code: 99390**

**Distributor: Shay and Company**

## 2. Hazard Identification:

**Hazard Symbol:**

Category 2: Skin Corrosion/irritation

Category 2B: Serious Eye Damage/Eye Irritation

H315: Causes Skin Irritation

H320: Causes Eye Irritation

**GHS Warning Label:**



## Precautionary Statements

P264 Wash... thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+352 IF ON SKIN: Wash with plenty of water

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.

P321 Specific treatment (see ... on this label).

P332+313 If skin irritation occurs: get medical advice/attention.

P337+313 If eye irritation persists get medical advice/attention.

P362+364 Take off immediately all contaminated clothing and wash it before reuse



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### 3. Composition/Information on Ingredients:

**Ingredient Deck:** Isopropyl Palmitate  
**CAS no:** 142-91-6

### 4. First Aid Measures:

**Contact with eyes:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 10 minutes, keeping eyelids open. Do not neutralize with chemical agents. Get medical attention if irritation occurs.

**Skin contact:** When in contact with skin, removed contaminated clothing. Wipe away excess material with dry towel. Then wash affected areas with plenty water, and mild soap if available, for several minutes. Do not attempt neutralize with chemical agents. Get medical attention if irritation occurs.

**Inhalation:** Immediately leave the contaminated area, take deep breaths of fresh air.

**Ingestion:** Wash out mouth thoroughly with water. Drink plenty of water. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. In severe cases obtain medical attention.

### 5. Fire Fighting Measures:

**Suitable Extinguishing Media:** Water fog, dry chemical powder & carbon dioxide foam

**Special Fire Fighting Procedures:** Use water spray to cool nearby containers and structures exposed to fire. Containers can build up pressure if exposed to heat (fire). Fire involving large amount of material should not be approached because individual containers may rupture abruptly causing "fireball" effect

**Unusual Fire Fighting Hazards:** No unusual fire hazards known.

### 6. Accidental Release Measures:

**Personal Precautions:** Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

**Environmental Precautions:** Water spill: avoid runoff into sewers and ditches which lead to waterways. Land spill: soak up with absorbent. Shovel up and place in a waste container.



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**Methods for Cleaning Up:** Stop spill at source. Dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into containers. Prevent run-off to sewers, streams or other bodies of water. Wash floor with hot soapy water and rinse with hot water to prevent slipping.

## 7. Handling and Storage:

**Handling Precautions:** Use gloves and wear goggles when handling. Keep away from heat, sparks and flame. Never use pressure to empty drums. Handle in accordance with good industrial hygiene and safety. The product must be stored in the manufacturer's original sealed container. The product must be stored under sheltered and well-ventilated warehouse; not exposed to moisture, and direct sunlight. The product must be stored in a place where temperature does not exceed 30 degrees centigrade. Deviation from the above condition may affect the stability of the product.

## 8. Exposure Controls/Personal Protection:

**Occupational Exposure Limit:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Respiratory Protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14397) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirator and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Eye Protection:** Safety glasses with side-shields conforming to EN166 use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) to EN166 (EU).

**Skin Protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable guidelines and good laboratory practices. Wash and dry hands.

## 9. Physical and Chemical Properties:

**Description:** Colorless to pale yellow liquid

**Melting Point:** 10°C/50°F

**Boiling Point:** >170°C/338°F

**Solubility in Water (by weight):** not soluble in water

**Viscosity:** 5-10 mPas (at 20°C)



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## 10. Stability and Reactivity:

**Condition to Avoid:** Avoid direct fire, strong alkalis, and strong oxidizers.

**Materials to Avoid:** Strong alkalis and strong oxidizers agents.

**Hazardous Decomposition Products:** Under fire condition - Carbon oxides.

**Stabilization Techniques:** none; product is stable

## 11. Toxicological Information:

### Routes of Entry:

**Oral:** No data available

**Inhalation:** No data available

**Skin:** Mild skin irritation

**Eye:** Slight irritation

**Reproductive Effects** N/A

**Teratogenicity** N/A

**Mutagenicity** N/A

**Embryotoxicity** N/A

**Sensitization to Product** N/A

**Synergistic Products** N/A

**Carcinogenicity** N/A

## 12. Ecological Information:

**Ecotoxicity:** No data available

**Mobility:** No data available

**Degradability:** Readily biodegradable

**Bio Accumulation:** Information not available.

## 13. Disposal Considerations:

**Handling Precautions:** None

**Method of Disposal:** Dispose of accordance with local regulations.

**Contaminated Packaging:** Dispose of accordance with local regulations.

## 14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.

## 15. Regulatory Information:



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**TSCA STATUS:** The components of this product are listed on the TSCA Inventory

**SARA TITLE III SECTION 313 SUPPLIER INFORMATION:** No chemicals in this material are subject to the reporting requirements.

**SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:** No chemicals in this material are subject to the reporting requirements.

**SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:** No chemicals in this material are subject to the reporting requirements.

**CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:**

Acute N/A  
Chronic N/A  
Fire N/A  
Pressure N/A  
Reactive N/A

**CALIFORNIA PROPOSITION 65:**

No chemicals in this material are subject to the reporting requirements.

**16. Other Information:**

N/A

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.