Material Safety Data Sheet – Isopropyl Acetate

SECTION I · PRODUCT IDENTIFICATION

Manufacturers Address: 916 West Lathrop Avenue Savannah, Georgia 31415
Information Phone: (912) 443-6702
Date Prepared: 30 Sept 08
Preparer: F.Spaeth

Synonym: None found.
Chemical Family: Organic Ester

SECTION II · HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS Number</th>
<th>%WT</th>
<th>TLV</th>
<th>PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Acetate</td>
<td>108-21-4</td>
<td>100</td>
<td>100 ppm</td>
<td>200 ppm</td>
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SECTION III · HAZARDOUS IDENTIFICATION

Potential Acute Health Effects: Mild irritant to eyes, respiratory system and skin.
Potential Chronic Health Effects: No chronic health effects documented.

SECTION IV · PHYSICAL and CHEMICAL PROPERTIES

Boiling Point Range: 189-199 °F
pH: NA
Solubility In Water: Negligible.
Appearance/Odor: Clear colorless liquid with ester odor.
Melting Point/Freezing Point: Not established.

SECTION V · FIRE FIGHTING MEASURES

Flash Point: 37 °F
Auto Ignition: 842 °F
Extinguishing Media: Water fog, dry chemical, carbon dioxide or compatible foam is recommended.
Flammable Limits: Lower: 2.2 Upper: None documented.
Fire Fighting Procedures: Evacuate the area and fight from a safe distance. Cool fire-exposed containers with water fog to prevent container weakening and possible bleve. Firefighters must use full bunker gear including NIOSH approved positive pressure self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: HIGHLY Flammable. Vapors are flammable and heavier than air. Vapors may travel across the ground and reach an ignition source.
SECTION VI · STABILITY AND REACTIVITY

Stability: Stable.
Conditions to Avoid: Keep away from heat, potential ignition sources and open flames
Incompatibility: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Oxides of Carbon, fumes and smoke particulates.
Hazardous Polymerization: Will not occur.

SECTION VII · STORAGE AND HANDLING

Precautions To Be Taken In Handling and Storage: Avoid spills. Spills will produce an immediate fire or explosion hazard. Always store in tightly sealed, properly labeled, original container. Containers should be grounded to prevent electrostatic accumulation hazard. Store in a cool, dry well ventilated area. Use non-sparking tools and equipment.
Other Precautions: Follow all label and warnings and instructions.

SECTION VIII · HEALTH AND FIRST AID

Skin: Mildly irritating. Repeated or prolonged contact can cause defatting and drying.
Eyes: Moderately irritating. Irritation accompanied by redness. Vapors may be irritating.
Inhalation: High vapor concentrations may be irritating to respiratory system. Breathing of vapor may cause headaches, irritation of throat and may cause central nervous system depression.
Ingestion: May cause gastric distress, diarrhea and vomiting.
FIRST AID PROCEDURES:
Eyes: Flush with large amounts of cool running water for at least 15 minutes. If irritation persists get medical attention.
Skin: Wash skin with soap and water. If irritation persists seek medical attention.
Inhalation: For excessive inhalation remove to fresh air. If breathing is difficult seek medical attention.
Ingestion: DO NOT induce vomiting. Drink large amounts of water. Seek medical attention immediately.

SECTION IX · EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Eye Protection when pouring. Goggles, safety glasses with side shields are recommended.
Respiratory Protection: Where adequate ventilation is not available an approved NIOSH respirator must be worn. In confined areas, use a self-contained positive pressure breathing apparatus.
Skin Protection: Use chemically resistant gloves and clothing to prevent skin contact.
Ventilation: Good local ventilation to prevent TLV from exceeding 50 ppm.
Protective Clothing: Selection of protective clothing depends on potential exposure conditions and may include gloves, and other protective items.
Other Equipment: Eye wash station and shower in close proximity to use are advised

SECTION X · ACCIDENTAL RELEASE MEASURES

Small Spill: Stop source of spill. Absorb on inert media and collect into suitable container.
Large Spill: Flammable Liquid! Shut off or plug source of spill. Dike area to contain spill. Maximize liquid recovery into a suitable container. Prevent entry in sewer and waterways. Absorb residual on inert media and collect into suitable container.
Personal Protection in Case of Large Spill: Wear protective equipment and/or garments as described in Section IX as conditions warrant.

SECTION XI · DISPOSAL CONSIDERATIONS

Waste Disposal Method: Avoid contaminating ground and surface water. Do not flush to drain. Recycle or dispose of following local, state and federal regulations for disposal
SECTION XII · TRANSPORTATION

Proper Shipping Name: Isopropyl Acetate
Hazard Class: 3
UN Number: 1220
Packaging Group: II

SECTION XIII · TOXICOLOGY

Carcinogenicity: Not listed by any agency.
Mutagenicity: Not a mutagenic.
Reproductive: No data available.
Sensitization: Persons with severe skin, live or kidney problems should avoid use.

SECTION XIV · REGULATORY

RMP/PSM: Not Listed.
CERCLA-RQ: Not established.
EPCRA 311/312: Yes, See Section III
EPCRA 313: No.
FIFRA: No documented information available.
RCRA-CODE: No Hazardous Waste Identification.
TSCA: Listed

SECTION XV · OTHER INFORMATION

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.