



## Material Safety Data Sheet

### 1. PRODUCT/COMPANY IDENTIFICATION

**Product Name:** JACAAB Melamine J-40 (Micronized)

Synonyms: Melamine, triamino-s-triazine 1,3,5-Triazine-2,4,6-Triamine

Product Use: Resin Component

Manufacturer's Name: JACAAB, LLC.  
4155 Manchester Ave.  
St. Louis, MO 63110-3823

Information Telephone: (314) 652-5400

Emergency Telephone: (800) 424-9300 CHEMTREC

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>Weight %</u>	<u>ACGIH TLV</u>
Melamine	108-78-1	99.9	N.E

### 3. HAZARDS IDENTIFICATION

Fine, white crystalline powder; mild odor. NO HAZARD STATEMENT.

#### Potential Health Effects

**Eye Contact:**

Direct contact may cause slight irritation.

**Skin Contact:**

Direct contact may cause slight irritation.

**Inhalation:**

Not expected to be harmful.

**Ingestion:**

Not expected to be harmful.

**Chronic Effects /Carcinogenicity:**

No chronic evidence. / IARC: no, NTP: no, OSHA: no

### 4. FIRST AID MEASURES

**Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician if irritation persists.

**Skin Contact:**

Flush skin with soap and water after contact. Consult a physician if irritation persists.

**Inhalation:**

Not expected to require action. If symptoms like irritation occur, remove to fresh air.

**Ingestion:**

Not expected to be harmful. If symptoms occur consult a physician.

**5. FIRE FIGHTING MEASURES**

**Flash Point:** Not Applicable

**Decomposition Temperature:** 669 F; 3543 C.

**Extinguishing media:** Carbon dioxide, dry chemical and water.

**Special Fire Fighting Procedures:** Wear full protective equipment and self-contained breathing apparatus to avoid inhalation of smoke or vapors.

**Unusual Fire and Explosion Hazards:** As with many organic solids, any dust that is generated may be explosive if mixed with air in critical proportions and in the presence of an ignition source.

**6. ACCIDENTAL RELEASE MEASURES**

Sweep up spills and place in waste disposal container. Flush area with water.

**7. HANDLING AND STORAGE**

Maintain good housekeeping to control dust accumulations.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** No specific controls or local ventilation are required.

**Personal Protective Equipment:**

**Respirator:** None required. Dust masks may be helpful when needed.

**Eye/Face:** Where contact is likely, eye protection is advised.

**Protective Clothing:** Where contact is possible, wear impervious gloves and clean protective work clothes. Wash hands after use.

**Exposure Limit Guidelines:**

None Established.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State, Color and Odor:** Fine white crystalline powder; mild odor.

**Specific Gravity:** 1.57 @ 20 C.

**Melting Point:** 669 F; 350 C; Decomposes

**Boiling Point :** Sublimes

**Flash Point:** Not applicable

**Vapor Pressure (20 C.):** Nil

**Vapor Density: (20 C.):** Not applicable

**Water Solubility (20 C.):** Slight

**pH value (slurry, 50 g/l in water-20 C. :** 7.5-9.5

**Volatile Organic Content:** Not applicable

**10. STABILITY AND REACTIVITY**

**Stability:** Stable Material.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Can react with strong oxidizers and mineral acids.

**Decomposition Products:** Oxides of carbon, ammonia, nitrogen and/or cyanide.

**Conditions to Avoid:** None known.

## 11. TOXICOLOGICAL INFORMATION

(Related Product – Melamine)

Acute toxicity

Oral LD50 (Rat): >3160 mg/kg.

Eye irritation (Animal): Dilute solution (10%)- None noted.

Skin irritation (Rabbit): Mild transient irritation.

Skin Irritation (Human): No primary irritation or allergic sensitization.

## 12. ECOLOGICAL INFORMATION

Rainbow Trout, 28 day LC50: 3000 mg/L

Daphnia, 48 hr., LC50: >1000 mg/L

Algae, 96 hr., LC50: 325 mg/L

Octanol/Water Partition Coefficient: Not applicable.

## 13. DISPOSAL INFORMATION

Dispose of in accordance with applicable Federal, State, and local regulations. Under the Resource Conservation and Recovery Act (RCRA) regulations, it is the responsibility of the user to determine whether the material should be classified as a hazardous waste.

## 14. TRANSPORTATION INFORMATION

Not regulated as a hazardous material or hazardous substance by DOT, IMO, or ICAO.

## 15. REGULATORY INFORMATION

TSCA Inventory: All components are listed.

DSL Status: All components are listed.

EINECS: All components are listed.

CERCLA Reportable Quantity: None

SARA Title III Extremely Hazardous Substances, Section 302: None

SARA Title III Hazard Categories, Section 311/312: Acute: No, Chronic: No, Fire: No,

Reactivity: No, Pressure: No.

SARA Title III Toxic Chemicals, Section 313: None

RCRA Status: See Section 13 this MSDS and (40CFR 261.20-24)

## 16. OTHER INFORMATION

### Labeling:

**NFPA/HMIS Codes:** Health=0, Flammability=1, Reactivity=0      **Scale:** 0=Least to  
4 =Extremely Severe.

### Abbreviations:

ACGIH-American Conference of Governmental Industrial Hygienists

ADR-European Agreement; International Carriage of Dangerous Goods by Road.

CERCLA-Comprehensive Environmental Protection Act  
CFR-Code of Federal Regulations  
CHEMTREC-Chemical Transportation Emergency Center  
DOT-U.S.Department of Transportation  
DSL – Domestic Substance List (Canada)  
EEC-European Economic Community  
HMIS-Hazardous Materials Identification System  
IARC-International Agency for Research on Cancer  
IATA-International Air Transport Association  
ICAO-International Civil Aviation Organization  
IMDG-International Maritime Dangerous Goods  
MSHA-Mine Safety and Health Administration  
N.E. - Not Established  
NFPA-National Fire Protection Association  
NIOSH-National Institute for Occupational Safety and Health  
NTP-National Toxicology Program  
OSHA-Occupational Safety and Health Administration, PEL-Permissible Exposure Limit  
RCRA-Resource Conservation and Recovery Act  
SARA-Superfund Amendment Reauthorization Act, TLV-Threshold Limit Value  
TLV-Threshold Limit Value (based on 8 hr. exposure)  
TSCA-Toxic Substance Control Act

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