

SHANDONG CHUANGJI IMPORT & EXPORT CO., LTD

MELAMINE

MSDS (Material Safety Data Sheet)

1. Product Name: Melamine

Synonyms: 2,4,6-triamine-1,3,5 triazine

Chemical Formula : C<sub>3</sub>H<sub>6</sub>N<sub>6</sub>

Product Code: ML

Supplier Information: Shandong Chuangji Import And Export Co., Ltd

Emergency Phone Number: TEL: 86-536-2138588

2. Composition/Information On Ingredients

Ingredient	CAS Number	Precent (by weight)
Melamine	108-78-1	>99.8

3. Hazards Identification

Emergency Overview: -

Adverse Human Health Effects : Irritating to eyes, respiratory system and skin

Environmental Effects : This Substance doesn't have environment effects

Physical and Chemical Hazards : Hazardous characteristics are comparatively small

Specific Hazards: NA

4. First-Aid Measures

Inhalation : Remove the patient to fresh air area and keep at rest

Ingestion: Drink Water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Skin Contact: Immediately wash the effected areas under running water using a soap

Eye Contact : immediately wash the eyes with running water at least 15 minutes

Protection of First-aiders

Notes to Physician

5. Fire-Fighting Measures

Extinguishing media: Water, chemical foam or carbon dioxide may be used

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used for fires in the area

**Fire and Explosion Hazards:** May release ammonia and cyanamide if involved in high temperature

**Special Firefighting Procedures:** Not special

**Special Equipment for the protection of Firefighters:** Protecting clothes, gloves, mask, glass and shoes

## 6. Accidental Release Measures

**Personal Precautions:** Use water shower for at least 15 minutes

**Environmental Precautions**

**Methods for Cleaning Up:** Collect the solid as many as possible using shovel. Sweep up spillage and flush the area with water to waste water treatment system.

## 7. Handling and Storage

**Handling:** Handle carefully not to break the bag. Use dust respirator and rubber gloves

**Storage:** Store the substance in a dry location. Keep the bags tightly closed. This substance has a tendency of blocking under weighting of long period

## 8. Exposure Controls/Personal Protection

**Engineering Measure:** -

**Control parameters:** • Limit values

• Biological Standards

**Personal Protective Equipment:** Eyeglass, glove, helmet, mask, safety shower, eye wash fountain

.Respiratory Protection .Dust respirator

. Hand Protection: Rubber glove

.Eye Protection: Safety goggles

.Skin and Body Protection: Wear appropriate protective Gloves and clothing to prevent and minimize contact with skin.

**Specific Hygiene Measures:** No information available

## 9. Physical and Chemical Properties

Physical State	Powder	Form	-
Color	White	Odor	None

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<b>PH</b>	<b>8.1</b>	<b>Boilling Point/Boiling Range</b>	<b>Sublimes</b>
<b>Decomposition Temperature</b>	<b>NA</b>	<b>Flash Point &amp;Method Used</b>	<b>Will not burn</b>
<b>Auto Lgnition Temperature</b>	<b>NA</b>	<b>Explosion Properties</b>	<b>May release ammonie and cyanamide if involved in high temperature</b>
<b>Vapor pressure</b>	<b>Not volatile</b>	<b>Vapor density</b>	<b>-</b>
<b>Density</b>	<b>1.573g/cm3</b>	<b>Solubility</b>	<b>100c/J 5.8gm/100gm H2O</b>

### 10. Stability and Reactivity

<b>Stability</b>	<b>Stable</b>
<b>Possible Hazardous Reactions Occurring under Specific Conditions</b>	<b>-</b>
<b>Conditions to Avoid</b>	<b>-</b>
<b>Materials to Avoid</b>	<b>Avoid contact with strong acid and strong oxidizing materials</b>
<b>Hazardous Decomposition Products</b>	<b>-</b>

### 11. Toxicological Information

<b>Acute toxicity</b>	<b>Oral LD50(rat)3.16g/Kg</b>
<b>Local effects</b>	<b>No information found</b>
<b>Sensitization by test of guinea pigs</b>	<b>The material was not skin sensitization</b>
<b>Chronic Toxicity or Long Term Toxicity</b>	<b>No information available</b>
<b>Specific effects</b>	<b>No information available</b>

### 12. Ecological Information

<b>Possible Environmental Effects, Behavior and Fate</b>	<b>No information found</b>
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## 13. Disposal Considerations

Recommended Methods for Safe waste  
And Environmentally Preferred Disposal

To be disposed of as unflammable

## 14. Transport Information

International regulations -  
UN classification number -  
Specific Precautionary Transport Measures and Conditions -

## 15. Regulatory Information

Applicable Regulations No information available

## 16. Other Information

NFPA Ratings No information available  
Label Hazard Warning No information available  
Literature References No information available