



Material Safety Data Sheet

Phlamoon-108

Issued date: Aug,2018

Company Name: TAIZHOU BAILLY CHEMICAL CO.,LTD

Address: NO.9 ZHONGGANG ROAD, TAIXING ECONOMIC DEVELOPING ZONE, TAIXING CITY, JIANGSU PROVINCE, 225404, P.R.CHINA

Telephone Number: +86 510 86636238+86-523-87679228

Fax Number: +86-523-87673321

Section 1 : Chemical Product Identification

Chemical product name : Melamine cyanurate

Common chemical name : Melamine cyanurate

Chemical formula : C₆H₉N₉O₃

CAS no. : 37640-57-6

Section 2: Composition, Information on Ingredients

Chemical name	CAS no.	% (w/w)	Symbol
Melamine cyanurate	37640-57-6	99.5	--

Section 3: Hazards Identification

Physical/chemical hazards : Not applicable.

Environmental hazards : Not applicable.

Effect(s) of (over)exposure : Irritating to eyes and respiratory tract at exposure above Treshold Limit Value.

Symptom(s) of (over)exposure

Inhalation : Sore throat, coughing.

Ingestion : > 10 g may result in abdominal pain.

Skin contact : Redness.

Eye contact : Redness, pain.

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY: Inhalation.

TARGET ORGANS: Liver.

IRRITANCY: Not anticipated based on animal data.

SENSITIZING CAPABILITY: Not anticipated based on animal data.

REPRODUCTIVE EFFECTS: No relevant data found.

CANCER INFORMATION: Not classified as carcinogenic by NTP, IARC, OSHA, ACGIH, or NIOSH.

Symptom(s) of (over) exposure

INHALATION: Sore throat, coughing.

EYES Contact: Redness, pain

SKIN contact: Redness

INGESTION: The single dose oral toxicity of this product is considered low.

REPEATED EXPOSURE (CHRONIC)

Repeated high level exposure may produce an increase in liver weight.

SYNERGISTIC MATERIALS: None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing disorders affecting target organs.

Section 4: The First Aid Measures

EYES: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissues. Washing eyes within several seconds is essential to achieve maximum effectiveness. **CONSULT DOCTOR IMMEDIATELY.**

SKIN: Immediately flush contaminated areas with water. Remove contaminated clothing and footwear. Wash contaminated areas with plenty of soap and water. Wash clothing before reuse. Discard footwear which cannot be decontaminated. **CONSULT DOCTOR IMMEDIATELY.**

INHALATION: Remove to fresh air if safe to transport. Otherwise attempt to provide fresh air by ventilation. If breathing is difficult, have a trained person administer oxygen. If respiration or pulse has stopped, have a trained person administer Basic Life Support (Cardio-Pulmonary Resuscitation/Automatic External Defibrillator)

INGESTION: Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give large quantities of water. (If available, give several glasses of milk.) If vomiting occurs spontaneously, keep airway clear and give more water. **CONSULT DOCTOR IMMEDIATELY.**

NOTES TO PHYSICIAN: Treat symptomatically and supportively.

Section 5: Fire Fighting Measures

Extinguishing media

Suitable : No restrictions.

Not suitable : No restrictions.

Unusual fire and explosion hazards : Decomposition at temperatures above 350°C.

Hazardous thermal decomposition : Above 500°C: hydrogen cyanide.

Protection of firefighters : Self-contained breathing equipment.

Section 6: Accident release measures

Personal precautions : Use appropriate protective clothing and equipment (see section 8).

Environmental precautions

Methods for cleaning up : Collect spilled material in sealable containers.

Forward for disposal.

Remarks : Prevent dispersion of dust.

Section 7: Handling and Storage

Handling : Take the usual precautions.

Storage : Store away from highly flammable substances. Keep in a dry place.

Packaging materials

Other requirements : Prevent dispersion of dust.

Section 8: contact control / personal protection

Engineering measures : Ventilation recommended to minimize dust exposure.

Hygienic measures : When using do not eat, drink or smoke.

Personal protection

Respiratory system : Dust mask.

Hands : PVC coated gloves.

Eyes : Safety goggles.

Other exposure limits : According to Treshold Limit Value of nuisance dust:
10 mg/m³ total dust, 5 mg/m³ respirable dust.

Recommended monitoring : Not available.

Section 9: physicochemical characteristics

Appearance : White powder

Colour : White

Odour : Odourless

Odour treshold : Not applicable

Boiling point : Not applicable

Melting point : Decomposition at temperatures above 350°C.

Decomposition temperature : 350°C

Solubility in water : < 0.001 g/100 ml

Octanol/water coefficient : Log P < 0

Vapour pressure : Not applicable

pH : 5 - 6

Flash point : Not applicable

Lower explosion limit : Not applicable

Upper explosion limit : Not applicable

Section 10: Stability and Reaction Activity

Stability : Stable under normal storage conditions.

Conditions to avoid : Avoid temperatures above 350°C.

Materials to avoid : Not applicable.

Hazardous decomposition products : None (normal conditions).

Hazardous polymerization : Will not occur (normal conditions).

Section 11: toxicology information

Acute toxicity

Oral : LD50 rat: expected > 2000 mg/kg

Eye irritation : Slightly irritating.

Skin irritation : Very slightly irritating.

Sensitization : Not sensitizing.

Carcinogenicity : Inadequate evidence of carcinogenicity in man.

Mutagenicity : Not mutagenic. Heritable effects on progeny are not to be expected.

Section 12: Ecological Information

Mobility : Adsorption on soil is not expected.

Persistence and degradability : The substance is not readily biodegradable. It is however inherently biodegradable.

Bioaccumulative potential : Log P < 0. Therefore no bioaccumulation potential.

Ecotoxicity : 96 h LC50 (for fish): expected > 100 mg/l

48 h LC50 (for Daphnia): expected > 100 mg/l

Section 13: waste disposal

Responsibility of the receiver to have knowledge of national and local regulations.

Methods of disposal : Disposal according to the local legislation.

Section 14: Transport Information

Land - Road/Railway : Not restricted.

Inland waterways : Not restricted.

Sea : Not restricted.

Air : Not restricted.

Section 15: Regulatory Information

Responsibility of the receiver to have knowledge of national and local regulations.

EC Classification

Label name : Not classified as a dangerous substance according to EC criteria.

Hazard symbol : None.

Risk phrases : None.

Safety phrases : None.

National regulations

Listed on TSCA-inventory : Yes, TSCA number 37640-57-6.

Listed on DSL-inventory : Unknown.

Listed on AICS-inventory : Unknown.

Listed on MITI-inventory : Unknown.

Section 16: Other Information

All the above information presented herein, while not guaranteed, has been compiled from sources considered to be reliable and is true and accurate to the best of our knowledge. However, NUTC can not assume any responsibility therefore nor for performance, nor for results obtained through the use of the products or information involved, nor for any damages that may be caused by or to the products or information. In this respect the buyer is obliged to check the quality and all other properties of the products. The buyer assumes all responsibilities connected with the use of the products and information. No liability is assumed for infringement of trademarks, patents or any other rights owned or controlled by third parties by reason of your manufacture, formulation, use or sale of the products and information.