



# METHANOL HOLDINGS (TRINIDAD) LIMITED

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## Technical Information Sheet

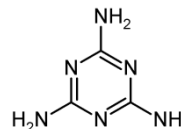
### MELAMINE

#### Introduction

**CAS No.:** 108-78-1  
**EINEC No.:** 203-615-4

**Formula:** C<sub>3</sub>H<sub>6</sub>N<sub>6</sub>  
**Melting Point:** >300<sup>o</sup>C

**Synonyms:** 2,4,6-triamino-s-triazine  
**Appearance:** White, crystalline powder



Melamine is a white crystalline powder. It is a stable non-hygroscopic chemical when stored under dry, cool, well ventilated conditions. Freshly produced melamine is a free flowing powder, however if stored inappropriately the product may be subject to compacting. In most cases the chemical can be handled, stored, transported, and processed with little or no difficulty. Melamine is used in the production of laminates, plywood, coatings, adhesives, fire prevention agents, moulding compounds, flame retardant for polyurethane foam, and other uses.

#### Properties

Aspect	Specification	Units	Test-Method
Melamine Content	Min 99.8	%	ETCE 251
Ash Content	Max 0.01	%	ETCE 203
Moisture Content	Max 0.1	%	ETCE 204
Color	Max 20	(APHA)	ETCE 253
pH Value	7.5-8.5	pH	ETCE 209
Iron	< 1	PPM	ETCE 210

#### Handling and Safety

**Delivery:** In bags by sea container, truck or rail.

**Packaging:** Multi-ply paper bags of 25 kg each wrapped 40 per pallet (1000kg net).  
Big bags of 500 or 1000 kg

**Storage:** Melamine is to be stored in a dry area. If properly stored the shelf life is in excess of one year. Do not stack more than 2 pallets high.

**Tariff-No.:** 2933 6100

#### Safety recommendations:

Melamine is non-flammable. Heating of melamine to temperatures above 300<sup>o</sup>C could result in decomposition with the release of toxic vapors. The use of protective gloves, safety glasses, and respiratory protection is required if contact with the product is foreseen. Please refer to our Safety Data Sheet (SDS) for detailed information.

#### DISCLAIMER

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