

# Melamine by OCI™

Revision Date: 2024-05-29

## GPH-LD

|                         |                               |                           |
|-------------------------|-------------------------------|---------------------------|
| <b>Formula</b>          | C3H6N6                        |                           |
| <b>Synonyms</b>         | 2,4,6-triamino-1,3,5-triazine |                           |
| <b>Molecular Weight</b> | 126.13 g/mol                  |                           |
| <b>Appearance</b>       | white, crystalline powder     |                           |
| <b>CAS No.</b>          | 108-78-1                      |                           |
| <b>EINEC No.</b>        | 203-615-4                     |                           |
| <b>Properties</b>       | <b>Specifications</b>         | <b>Analytical Methods</b> |
| Melamine                | min. 99.8%                    | GBIT 9567-1997 sub 5.4.2  |
| Water                   | max. 0.1%                     | GBIT 9567-1997 sub 5.5    |
| Ash                     | max. 0.03%                    | GBIT 9567-1997 sub 5.7    |
| pH                      | 7.5 – 9.5                     | GBIT 9567-1997 sub 5.6    |
| Turbidity               | max. 20 Kaolin                | GBIT 9567-1997 sub 5.8    |
| Color                   | max. 20 Hazen                 | GBIT 9567-1997 sub 5.8    |

## Testing

OCI Nitrogen analytical methods are available on request.

## Safety precautions

- Melamine is non-flammable, but heating to above 300°C could result in decomposition, with release of toxic vapors. Adequate ventilation and the use of personal protective equipment is therefore advised.
- When handling melamine, the wearing of gloves, safety glasses and respiratory protection is recommended.
- Please refer to our Safety Data Sheet (available on our website) for additional information.

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