

# Monomethylacetamide

## Technical Data Sheet

January 1997

Formula:.....  $C_3H_7NO$   
Molecular Weight:..... 73.1  
Product Number: ..... 753031  
CAS Registry Number:..... 79-16-3



Product Specifications	Value	Test Method
Assay, % minimum	99.0	G.C.
Impurities:		
acetic acid, % maximum	0.1	G.C.
water		DIN 51 777

Physical Properties		
Melting point, °C	29–30	
Boiling point, °C	206–208	
Density @ 35°C, g/cm <sup>3</sup>	0.946	
Flash point, °C	115	

### Description

Monomethylacetamide is a colorless, crystalline solidified melt. It is soluble in water, ethanol, chloroform and benzene, and sparingly soluble in ligroin and petroleum ether.

### Safety

Avoid contact with skin and eyes. Because of the embryotoxic effect, women capable of bearing children should not be exposed to this substance.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

### Applications

Intermediate used in the production of:

- pharmaceuticals
- crop protection agents

### Packaging

Available in 418 lb (net weight) non-returnable steel drums with internal coating (Code SFE).

Also available in bulk quantities.

### Storage & Handling

Monomethylacetamide has an almost unlimited shelf life in unopened, original containers when properly stored in a protected storage area. It is neither explosive nor spontaneously flammable in air. However, it is combustible.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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