



FutureChem® EHMA

Product Stewardship Summary

Chemical Identification

- Chemical Abstract Service (CAS) Number: 688-84-6
- Product Name: 2-Ethylhexyl methacrylate

Description of EHMA

FutureChem® EHMA is a methacrylate monomer used primarily in the production of polymers and coatings to increase flexibility, toughness, and adhesion.

Properties of EHMA

| Property | Value |
|-----------------------|---|
| Form | Liquid |
| Color | Colorless |
| Odor | Ester-like |
| Melting/Boiling Point | Not available/ 227°C |
| Flashpoint | 92°C |
| Solubility (in water) | 0.0031g/l |
| Stability | Stable under normal conditions |
| Reactivity | No dangerous reactions known under normal conditions of use |

Exposure Potential of EHMA

Workplace exposure:

In an industrial setting, containment through engineering, institutional controls, and personal protective equipment are utilized to minimize exposure. Normal safe handling procedures should be used in the workplace. Workers should follow recommendations of the Safety Data Sheet (SDS). Employees should be trained in the appropriate work processes and safety equipment to limit exposure.

Consumer exposure:

FFCC does not sell this product directly to consumers.

Environmental exposure:

| Effect Assessment | Result |
|------------------------------|---------------------------------------|
| Aquatic Toxicity | Toxic to aquatic life |
| Biodegradability Persistence | Not rapidly degradable |
| Bioaccumulation Potential | <3; Low potential for bioaccumulation |

Health Effects from exposure to EHMA:

| Effect Assessment | Result |
|----------------------------------|--|
| Acute Toxicity | Not classified |
| Irritation | Skin: Causes skin irritation Eye: Causes serious eye irritation |
| Sensitization | May cause an allergic skin reaction |
| Mutagenicity | Not classified |
| Carcinogenicity | Not classified |
| Toxicity after repeated exposure | Not classified |
| Toxicity for reproduction | Not classified |

Disclaimer:

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