



Product Safety Summary – MC-550

This Product Safety Summary is a high-level summary intended to provide the public with an overview of product safety information on this chemical substance. It is not intended to provide emergency response, medical or treatment information, or to provide an overview of all safety and health information. This summary is not intended to replace the Safety Data Sheet. For detailed guidance on the use or regulatory status of this substance, please consult the Safety Data Sheet.

Chemical Identity

MC-550

CAS RN: Proprietary Mixture

EC #: Proprietary Mixture

Also commonly called

- LO-CAT™ Anti-Foam

Product Overview

- MC-550 is a proprietary anti-foam agent used in Merichem's Lo-Cat® process
- The primary hazard is as an aspiration hazard.
- Causes skin corrosion and skin irritation.
- This product is hazardous to the aquatic environment.
- The material is stable at standard temperature and pressure and is not reactive.
- For further health and safety information, please consult the SDS.

Physical/Chemical Properties

- MC-550 is a clear, yellow liquid.
- pH = Not Applicable
- Boiling point = 270°F, Freeze Point = -22°F
- Flash point = 197°F
- Vapor Pressure: 5.1 mm Hg @ 100°F
- Not an oxidizer and not explosive
- Water soluble
- Stable (not reactive) at standard temperature and pressure

Health Information

MC-550 is a combustible liquid. May be fatal if swallowed and enters airways. Causes skin irritation. Harmful if inhaled. May cause damage to organs (bone marrow, liver, spleen) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Prevention: Keep away from flames and hot surfaces-No smoking. Wear protective gloves/eye protection/face protection. Do not breathe mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment.

Response: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

Storage: Store in a well-ventilated place. Keep cool. Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Environmental Information

Ecotoxicity: The product is toxic to aquatic life with long lasting effects.

Persistence and degradability: Expected to be inherently biodegradable.

Bioaccumulative potential: Not expected to bioconcentrate or bioaccumulate.

Mobility in soil: If released to the environment is expected to distribute in the following respective proportions: Air 10-30%; Water 30-50%; Soil/Sediment 30-50%.

Other adverse effects: No data available.

Additional Hazards

Oil spills are generally hazardous to the environment. The product contains volatile organic compounds which have a photochemical ozone creation potential.

Exposure Potential

MC-550 is intended as an industrial product only; no direct consumer contact is expected to occur. Industrial users should handle this material in strict accordance with safety data sheet guidelines and common industry practices.