



## **Product Safety Summary – MC-520**

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-520

CAS RN: Proprietary Mixture

EC #: Proprietary Mixture

Also commonly called

- LO-CAT™ Catalyst

### **Product Overview**

- MC-520 is a catalyst concentrate used in Merichem's Lo-Cat® process
- The primary hazard is as an eye and skin irritant. The material is harmful if swallowed and is harmful to aquatic life with long lasting effects.
- 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-520 is a dark brown liquid with a slight acidic odor.
- pH = 2.1
- Boiling point = Not Available, Freeze Point = -4°F
- Flash point = > 200°F
- Vapor Pressure: 35 mm Hg, approximate
- Not an oxidizer and not explosive
- Water soluble
- Stable (not reactive) at standard temperature and pressure

### **Health Information**

MC-520 can cause serious eye and skin irritation. Contains a component suspected of causing cancer.

Precautionary statement

Prevention: Keep only in original container. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear eye protection/face protection. Wear protective gloves.

Response: If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Absorb spillage to prevent material damage.

Storage: Store in corrosive resistant container with a resistant inner liner.

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

### **Environmental Information**

Ecotoxicity: Harmful to aquatic life with long lasting effects.

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available.

Mobility in soil: Not available.

Other adverse effects: The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

### **Additional Hazards**

None known.

### **Exposure Potential**

MC-520 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.