



Product Safety Summary – ARI-310H

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

ARI-310H

CAS RN: Proprietary Mixture

EC #: Proprietary Mixture

Also commonly called

- LO-CAT™ Catalyst

Product Overview

- ARI-310H is a catalyst concentrate used in Merichem's Lo-Cat® process
- The primary hazard is serious eye damage and eye irritation and skin irritation. The material contains a component suspected of causing cancer.
- 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

- ARI-310H is a dark red to brown liquid with a slight metallic odor.
- pH = 4 (approximate)
- Boiling point = 212°F, Freeze Point = 23°F
- Flash point = Not Applicable
- Vapor Pressure: 25 mm Hg, approximate
- Not an oxidizer and not explosive
- Water soluble
- Stable (not reactive) at standard temperature and pressure

Health Information

ARI-310H can cause serious eye and skin irritation. Contains a component suspected of causing cancer.

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: 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. If eye irritation persists: Get medical advice/attention. If exposed or concerned: Get medical advice/attention. Absorb spillage to prevent material damage.

Storage: Store locked up. 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: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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

Bioaccumulative potential: A proprietary component in this product has a log Kow value of -2.2.

Mobility in soil: Not available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Additional Hazards

None known.

Exposure Potential

ARI-310H 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.