



Product Safety Summary – ARI-600

This Product Safety Summary is a high-level summary intended to provide the general 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 (Material) Safety Data Sheet. For detailed guidance on the use or regulatory status of this substance, please consult the (Material) Safety Data Sheet.

Chemical Identity

ARI-600

CAS RN: Proprietary Mixture

EC #: Proprietary Mixture

Also commonly called

- LO-CAT™ Surfactant

Product Overview

- ARI-600 is a proprietary surfactant used in the LO-CAT™ process to help wet the sulfur and promote settling
- The primary hazard is as an eye and skin irritant. The material may cause respiratory tract irritation and is a long-term hazard 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

- ARI-600 is a clear colorless liquid.
- pH = 7.5 (approximate)
- Boiling point = 205°F, Freeze Point = 32°F
- Flash point = > 194°F
- Vapor Pressure: 38 mm Hg, approximate
- Not an oxidizer and not explosive
- Water soluble
- Stable (not reactive) at standard temperature and pressure

Health Information

ARI-600 may cause irritation to the respiratory system. Prolonged inhalation may be harmful. Can cause serious eye irritation. Prolong contact may cause temporary skin irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Prevention: Keep away from flames and hot surfaces-No smoking. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection. Wear protective gloves/eye protection/face protection.

Response If inhaled: Remove person to fresh air and keep comfortable for breathing. 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. Call a poison center/doctor if you feel unwell. In case of fire: Use appropriate media to extinguish.

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

Disposal: Dispose of waste and residues in accordance with local authority requirements.

Environmental Information

- Ecotoxicity –Harmful to aquatic life with long lasting effects.
- Persistence and degradability –No data is available on the degradability of this product.
- Bioaccumulation potential – The active component in this product has a log Kow value of 0.05.
- Mobility in soil – No data available

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional Hazards

None known.

Exposure Potential

ARI-600 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 SDS guidelines and common industry practices.