

Product Safety Summary



EXXSOL™ Isohexane Fluid

This Product Safety Summary document 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 a discussion of all safety and health information. This document is not intended to replace the (Material) Safety Data Sheet. Warnings and handling precautions provided below are not intended to replace or supersede manufacturers' instructions and warning for their consumer products which may contain this chemical substance.

1. Chemical Identity

CAS No: 64742-49-0 **Chemical Name:** Naphtha (petroleum), hydrotreated light

EC No: 931-254-9 **Chemical Name:** Hydrocarbons, C6, isoalkanes, <5% n-hexane

The EC # applies in REACH countries while the CAS number is the identifier in the rest of the world.

2. Product Uses

Exxsol Isohexane Fluid is a solvent used in industrial, professional, and consumer applications such as manufacturing process solvent, adhesives, and coatings. It is not sold directly to the public for general consumer uses; however this product may be an ingredient in consumer and commercial product applications such as adhesives and coatings.

3. Physical / Chemical Properties

Exxsol Isohexane Fluid can release vapors that readily form flammable mixtures. It should be handled only with adequate ventilation and in areas without any ignition source present (e.g. no open flames, static electricity sources, or unprotected light switches).

The flash point for this product is approximately -29°C /-20°F.

4. Health Information

Exxsol Isohexane Fluid is generally recognized to have low acute and chronic toxicity. Vapor concentrations above the exposure limit of 353 parts per million (ppm) in the air can cause eye and lung irritation and may cause headaches, dizziness or drowsiness. Prolonged or repeated skin contact in an occupational setting may result in irritation and in these situations, the use of chemical resistant gloves is recommended. This product is not regarded as a mutagen or carcinogen, and there is low concern for reproductive, developmental, or nervous system toxic effects.

5. Additional Hazard Information

If accidentally swallowed, small amounts of liquid may be aspirated into the lungs during ingestion or from vomiting which may cause severe lung inflammation and lung edema (an accumulation of fluid in the lungs). This is a medical emergency which must be immediately and properly treated. Do not induce vomiting.

Product Safety Summary



EXXSOL™ Isohexane Fluid

6. Food Contact Regulated Uses

This product is not claimed as compliant for food contact uses.

7. Environmental Information

Exxsol Isohexane Fluid is toxic to the aquatic environment. If accidentally spilled in the environment, is potentially a threat to the environment due to moderate toxicity to aquatic organisms (e.g. fish and invertebrates). Exxsol Isohexane is readily biodegradable and will not persist in the environment. Because of its low solubility in water and volatility (tendency to move from water to air) chronic aquatic toxicity is not expected, however a significant spill may cause long-term adverse effects in the aquatic environment. Exxsol Isohexane is a volatile organic compound (VOC) and is rapidly degraded in air, water, and soil. Considerable measures are taken to prevent its release to the atmosphere and minimize any exposure to the environment from manufacturing and use activities.

8. Exposure Potential

- **Workplace exposure** – This refers to potential exposure in a manufacturing facility or through evaporation in various industrial applications. Generally, exposure of personnel in manufacturing facilities is relatively low because the process, storage and handling operations are enclosed. . The ExxonMobil recommended occupational exposure limit (OEL) is 353 ppm per 8-hour work day.
- **Consumer use of products containing Exxsol Isohexane Fluid** – If exposure should occur, it is likely to be infrequent and of short duration depending on the products used and the conditions under which they are used. Exposure could occur through the use of cleaning agents or coatings formulations that contain this product. The best way to prevent exposure to vapors is to work in well-ventilated areas, wear chemical resistant gloves, and follow good personal hygiene practices.
- **Environmental releases** – As a chemical manufacturer, we are committed to operating in an environmentally responsible manner everywhere we do business. Our efforts are guided by in-depth scientific understanding of the environmental impact of our operations, as well as by the social and economic needs of the communities in which we operate. Industrial spills or releases are rare; however a spill may pose a flammability issue. Our operational improvement targets and plans are based on driving incidents with real environmental impact to zero and delivering superior environmental performance.

9. Manufacture of Product

- **Process** – Exxsol Isohexane Fluid is produced from petroleum-based raw materials which are treated with hydrogen in the presence of a catalyst to produce a low aromatic solvent.

10. Risk Management

- **Workplace Risk Management** – When using this product, make sure that there is adequate ventilation. Always use chemical resistant gloves to protect your hands and skin and always wear eye protection such as chemical goggles. Do not eat, drink, or smoke where chemicals are handled, processed, or stored. Wash hands and skin following contact. If this product gets into your eyes, flush eyes thoroughly with tempered tap water. If irritation occurs, get medical assistance. Please refer to the Safety Data Sheet.
- **Consumer Risk Management** - This product is not sold directly to the public for general consumer uses. If exposure should occur, it is expected to be infrequent and of short duration. Always follow

Product Safety Summary



EXXSOL™ Isohexane Fluid

manufacturers' instructions, warnings and handling precautions when using their products. The best way to minimize exposure to vapors is to work in well-ventilated areas.

11. Regulatory Information

Regulations may exist that govern the manufacture, sale, transportation, use and/or disposal of this chemical and may vary by city, state, country or geographic region. Additional helpful information may be found by consulting the relevant ExxonMobil Safety Data Sheet at:

- <http://www.msds.exxonmobil.com>

12. Conclusion Statements

Exxsol Isohexane Fluid ...

- is a widely used industrial solvent, and may be an ingredient in consumer products.
- is low in toxicity; however it may cause lung damage if swallowed.
- does not cause adverse health effects or environmental effects at levels typically found in the workplace or environment.
- should be used only with good ventilation; avoid all ignition sources.

©2021 ExxonMobil. The information and recommendations contained herein are, to the best of ExxonMobil's knowledge and belief, accurate and reliable as of the date issued. You can contact ExxonMobil to insure that this document is the most current available from ExxonMobil. Users of chemical products should refer to the product labels and applicable Material Safety Data Sheets for information and recommendations as to the safe handling and use of this product. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted. The term, "ExxonMobil" is used for convenience, and may include any one or more of ExxonMobil Chemical Company, Exxon Mobil Corporation, or any affiliates in which they directly or indirectly hold any interest. ExxonMobil, the ExxonMobil Logo and the "Interlocking X" Device, and product names used herein are trademarks or registered trademarks of Exxon Mobil Corporation and/or its affiliates, unless otherwise noted.