

# Product Safety Summary



## JAYFLEX™ 210 PLASTICIZER

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:** 64742-53-6    **Chemical Name:** Distillates, petroleum, hydrotreated light naphthenic

### 2. Product Uses

Jayflex™ 210 is used as a secondary plasticizer in conjunction with other plasticizers.

### 3. Physical / Chemical Properties

Jayflex 210 is a colorless liquid with a mild petroleum smell. The flash point for this product is >146°C / >295°F.

### 4. Health Information

Jayflex 210 is considered minimally toxic for all routes of exposure (inhalation, ingestion, skin). Contact with the skin may cause drying leading to discomfort and dermatitis. Contact with the eyes may cause mild, short lasting discomfort. Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system 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.

### 6. Food Contact Regulated Uses

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

### 7. Environmental Information

Jayflex 210 has a low water solubility and is expected to partition largely to soil and sediments. Jayflex 210 does not exhibit acute toxicity on aquatic organisms. However, Jayflex biodegrades slowly and therefore any releases to the environment does pose the potential for long term exposures to terrestrial or sediment dwelling organisms. Chronic exposure data is limited; therefore, measures should be taken to prevent its release and minimize any exposure to the environment from manufacturing or use activities.

### 8. Exposure Potential

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- **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.
- **Consumer use of products containing Jayflex 210** – 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. 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** – Manufactured from refined petroleum streams derived from crude oil.

#### 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 (Material) 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 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 (Material) Safety Data Sheet at:

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

#### 12. Conclusion Statements

Jayflex 210 ...

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

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