

Product Safety Summary

Terpene Blends

CHEMICAL IDENTITY

Synonyms: Terpenes and terpenoids

Example trade name: SYLVAPINE™ DP

PHYSICAL/CHEMICAL PROPERTIES

- Terpene blends are typically colorless liquids with a terpene odor.
- These products are flammable and lighter than water. Terpene blends will float and may ignite on the surface of water.
- Terpene vapors are heavier than air. Vapors can collect in low areas with the possibility of flashback.
- Terpenes are volatile and will evaporate at room temperature.
- Terpene blends are poor conductors of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur.

HEALTH INFORMATION

- Skin and inhalation exposure are minimal with normal industrial use and the application of good industrial hygiene principles including proper protective equipment such as gloves, respirators, goggles, etc., and adequate ventilation.
- Ingestion of this material poses a potential aspiration hazard and may be harmful.
- Skin contact causes irritation and may result in an allergic reaction.
- Refer to appropriate Kraton Safety Data Sheet (SDS) for more information.

Environmental Information

Terpene blends are classified as very toxic to aquatic life with potential long lasting effects. Care should be taken to prevent release to waterways.

EXPOSURE POTENTIAL

- Because terpene blends are used by industrial facilities, exposure to the consumer is not expected.
- For the trained industrial workforce that may handle this product directly, exposure is controlled by good industrial hygiene practices including the proper use of personal protective equipment and workplace controls such as adequate ventilation.
- Release of this substance to the environment is unlikely under normal conditions of use.

Product Overview

Terpene Blends are byproduct streams of the terpene refinery and terpene resin process. The terpene refinery purifies crude sulfate turpentine which is a byproduct of the kraft paper process. The kraft paper process uses pine trees to make pulp for paper and also produces byproduct pine chemicals such as crude sulfate turpentine. Crude sulfate turpentine and terpene blends are therefore biorenewable and sustainable products.

Terpene Blends are used by professional workers at industrial sites in formulations intended for the production of cleaners, solvents and disinfectants. They are also sold as bio-renewable fuels.

Terpene blends are typically supplied in tank trucks or rail cars.

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RISK MANAGEMENT

- Care should be taken not to handle, store or open containers near an open flame, sources of heat or sources of ignition.
- Take precautionary measures against static discharges.
- All equipment used when handling the product must be bonded and grounded.
- Avoid contact with eyes, skin, and clothing.
- Avoid prolonged exposure.
- Wear appropriate personal protective equipment.
- Wash hands thoroughly after handling.
- Avoid release to the environment, particularly to water.

PRODUCT USE AND DISPOSAL

- Kraton terpene blends are intended to be used by trained industrial users only. Users are expected to know and follow good industrial practices to protect workers and the environment.
- Kraton encourages recycling of unused and unwanted Terpene Blends. If recycling is not possible, product should be responsibly disposed of in a manner compliant with local laws and regulations.

For additional information, refer to the product Safety Data Sheet (SDS)

KRATON™

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