Product Safety Summary

NAPPAR™ 6

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

Nappar™ 6 is characterized as a complex substance of hydrocarbons obtained by hydrogenation of a petroleum fraction that consists primarily of cyclic hydrocarbons (e.g. cyclohexane). Aromatic hydrocarbon content is less than 0.1%. Products have carbon numbers in the range of C6 to C8.

CAS No.	Chemical Name
68410-97-9	Distillates (petroleum), light distillate hydrotreating process, low-boiling
92062-15-2	Solvent naphtha (petroleum), hydrotreated light naphthenic

EC No	
926-605-8	Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane

2. Product Uses

Nappar 6 is a liquid solvent used in industrial, professional, and consumer products such as adhesives and coatings. It can also be used in food contact applications such as a blowing agent for polystyrene foam.

3. Physical / Chemical Properties

Nappar 6 is a highly flammable material primarily used in industrial settings. It has a high vapor pressure, and 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 Nappar 6 is approximately -2ºF /-19ºC.

4. Health Information

Nappar 6 is generally recognized to have low acute and chronic toxicity if ingested and/or breathed. Vapor or aerosol concentrations above the exposure limit of 115 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. Nappar 6 Fluid is not regarded as a mutagen or carcinogen, and is a low concern for reproductive, developmental or 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, this 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.

6. Food Contact Regulated Uses

Appropriate manufacturing and distribution practices are employed to ensure the quality of this product when offered for use in indirect food contact applications.

7. Environmental Information

Nappar 6, 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). This material biodegrades at a rapid rate 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. This material 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 115 ppm per 8-hour work day.
- **Consumer use of products containing Nappar 6** – This category of exposure is highly variable depending on the products used and the conditions under which they are used. If exposure should occur, it is likely to be infrequent and of short duration. 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 significant 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** – Nappar 6 is produced from petroleum-based raw materials which are treated with hydrogen in the presence of a catalyst to produce a low odor solvent.

10. Risk Management

- **Workplace Risk Management** – When using this material, 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 this matieral is handled, processed, or stored. Wash hands and skin following contact. If this material gets into your eyes, rinse eyes thoroughly for at least 15 minutes with tap water and seek medical attention. Please refer to the (Material) Safety Data Sheet.

- **Consumer Risk Management** - This chemical 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.

12. 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/psims/psims.aspx?brand=xomcc

13. Conclusion Statements

Nappar 6 . . .

- is a widely used industrial solvent.
- 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.
- is flammable; use only with good ventilation; avoid all ignition sources.