



## Product Stewardship Summary

### TRACKTEK<sup>®</sup> RACING FUELS PRODUCT GROUP

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information is available through the applicable Material Safety Data Sheet (MSDS), which should be consulted before use of any chemical. This product stewardship summary does not supplant or replace required regulatory and/or legal communication documents.

#### **Chemical Identity**

There are four TrackTek<sup>®</sup> Racing Fuels. These fuels are produced from petroleum or crude oil and consist of aliphatic hydrocarbons (primarily branched paraffins) ranging in carbon number from C<sub>4</sub> - C<sub>10</sub>, as well as C<sub>7</sub>-C<sub>8</sub> aromatic hydrocarbons. Some of the TrackTek<sup>®</sup> Racing Fuels also contain ethanol or tetraethyllead.

#### **Product Uses**

These products are racing fuels designed for race cars, trucks, motorcycles, ATVs, boats, jet skis, snowmobiles and others. Some of the fuels are suitable for on-road use, while others are for off-street, off-highway use only and not legal for use on public streets.

#### **Physical/Chemical Properties**

TrackTek<sup>®</sup> Racing Fuels are highly volatile, flammable and combustible liquids, and vapors may readily form flammable mixtures. The flash point for TrackTek<sup>®</sup> Racing Fuels is -35°F (-37°C). These fuels have the potential to cause fires if they are exposed to an ignitable source. Electrostatic charge can accumulate and create a hazardous condition when handling these materials. Containers can explode under pressurized conditions. Due to their inherent explosive characteristics, these fuels have specific requirements for handling, storage, transportation, labeling and disposal. However, it should be noted that these products are typically stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

#### **Health Information**

TrackTek<sup>®</sup> Racing Fuels have low acute toxicity based on some of the individual components. Exposures to vapors or aerosols are irritating to the eyes and respiratory tract. At high concentrations, vapors and aerosols can also cause central nervous system depression with symptoms such as headaches, dizziness and drowsiness. When there is repeated or prolonged skin contact, these products may cause skin irritation and the use of chemical resistant gloves is recommended in these situations. TrackTek<sup>®</sup> Racing Fuels are not dermal sensitizers; nor are they considered to have mutagenic or carcinogenic properties.

If accidentally ingested, a small amount of liquid may be aspirated into the lungs which can occur from either swallowing or from vomiting. Aspiration of liquid into the lungs may cause inflammation of the lungs and lung edema. This is a medical emergency and requires immediate and proper treatment.

TrackTek<sup>®</sup> Racing Fuels contain toluene. Repeated and prolonged inhalation exposures (>1,000 ppm) of pregnant animals have been shown to cause adverse fetal developmental effects.

Repeated and prolonged inhalation exposures of toluene can also cause neuropsychological effects, auditory dysfunction and effects on color vision.

Some TrackTek<sup>®</sup> Racing Fuels contain tetraethyllead. Tetraethyllead is acutely toxic by the oral, dermal and inhalation routes of exposure and can affect the central nervous system. Tetraethyllead is also highly absorbed via the skin. Repeated and prolonged exposures to tetraethyllead can cause adverse developmental effects to the fetus and to children.

### **Environmental Information**

The environmental hazard potential for TrackTek<sup>®</sup> Racing Fuels is expected to be varied because their toxicity and fate will depend on the individual components in the product. If accidentally spilled into the environment, these fuels have low solubility in water and individual components are expected to degrade in the air through atmospheric processes. TrackTek<sup>®</sup> Racing Fuels are also not expected to persist in the environment. However, these fuels can cause significant harm to aquatic organisms and some of the components have the potential to bioaccumulate. Significant care should be taken to avoid releases of these products to sewage, drainage systems, and water bodies. Spillage should be quickly collected and properly disposed of to minimize harm to the environment.

### **Exposure Potential**

The most likely routes of exposure to TrackTek<sup>®</sup> Racing Fuel are by inhalation and skin contact.

#### *Workplace use:*

The potentially exposed populations include: (1) workers who manufacture and/or blend these products or further formulate them with additives to meet technical specifications; (2) quality assurance workers who sample and analyze the products to ensure that they meet specifications; (3) workers involved in distribution and storage of these products; and (4) commercial consumers, in occupational settings, that use these products in intended applications. The probability of exposure to personnel is expected to be low because TrackTek<sup>®</sup> Racing Fuels are sold to experienced industrial customers that are familiar with their intended applications, safe handling, storage and disposal requirements. Manufacturing, quality assurance and transportation workers should adhere to safe handling practices and wear appropriate personal protective equipment (PPE) and should likely have access to engineering controls to prevent exposure. Customers should also use appropriate PPE during handling and use. In addition, customer facilities typically have risk mitigation measures in place to address potential physical hazards or accidental releases.

#### *Consumer use:*

Potential exposure to the general public is not anticipated to be likely for these products as they are not sold to the general population. If a large scale spill or fire occurred near a residential setting, odor complaints and/or inhalation exposures to the general population are possible.

#### *Potential Environmental Release:*

There may be some potential for exposure to the environment from accidental releases of TrackTek<sup>®</sup> Racing Fuels during transportation of large quantities over long distances via trailers and railcars; however, the frequency of distribution incidents involving accidental releases of these products has been low, and reported product volumes spilled have been minimal. Chevron Philips Chemical is committed to operating in an environmentally responsible manner and has adopted the American Chemistry Council's Responsible Care<sup>®</sup> initiative.

## **Risk Management**

Chevron Phillips Chemical Company LP is committed to Product Stewardship and doing business responsibly. We endeavor to provide sufficient information for the safe use and handling of all our products. We begin by ensuring that all of our customers, distributors, carriers, and users of these products are well informed about the properties of each product. To that end, a Material Safety Data Sheet and a Certificate of Analysis accompany each shipment from our manufacturing plant.

## **Regulatory Information**

Regulations exist that govern the manufacture, sale, transportation, use and disposal of TrackTek® Racing Fuels. These regulations may vary by city, state, country or geographic region. Additional relevant information may be found by consulting the applicable product MSDS.

## **Sources of Additional Information**

Material Safety Data Sheets (MSDS) at <http://www.cpchem.com> for the following products:

- TrackTek® 100 ULE
- TrackTek® 111 Racing Fuel
- TrackTek® 114 Racing Fuel
- TrackTek® 118 Racing Fuel

Organization for Economic Cooperation and Development (OECD): eChemPortal web-based search tool

- <http://www.echemportal.org>

European Chemical Agency (ECHA) Dissemination portal with information on chemical substances registered under REACH

- <http://apps.echa.europa.eu/registered/registered-sub.aspx>

U.S. Environmental Protection Agency: High Production Volume Information System (HPVIS)

- <http://www.epa.gov/chemrtk/hpvis/index.html>

ATSDR Toxicological Profile for Lead

- <http://www.atsdr.cdc.gov/ToxProfiles/tp.asp?id=96&tid=22>

## **Conclusion**

TrackTek® Racing Fuels contain components that are classified as hazardous chemicals. Efforts should be taken to minimize exposure to these products by adhering to safe handling procedures, designated applications and uses, appropriate personal protective equipment practices, and labeling, storage, and transportation procedures and requirements. The relevant product Material Safety Data Sheet and applicable regulatory guidelines and requirements, including but not limited to Occupational Health and Safety Administration (OSHA) guidelines, should be consulted prior to the use or handling of these products.

## **Contact Information:**

<http://www.cpchem.com/>

December 17, 2012