

**TrackTek® 100 ULE**

Version 1.9

Revision Date 2011-03-04

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name : TrackTek® 100 ULE
Material : 1108537, 1108536, 1108535, 1062622, 1062256, 1062507,
1062508, 1062509

Company : Chevron Phillips Chemical Company LP
Specialty Chemicals
10001 Six Pines Drive
The Woodlands, TX 77380

Emergency telephone:**Health:**

866.442.9628 (North America)
1.832.813.4984 (International)

Transport:

North America: CHEMTREC 800.424.9300 or 703.527.3887
Asia: +800 CHEMCALL (+800 2436 2255) China: 0532.8388.9090
EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)
Chemcare Asia: Tel: +65 6848 9048 - Mob: +65 8382 9188 - Fax: +65 6848
South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600

Responsible Department : Product Safety and Toxicology Group
E-mail address : MSDS@CPChem.com
Website : www.CPChem.com

2. HAZARDS IDENTIFICATION**Emergency Overview**

Form: Liquid **Physical state:** Liquid **Color:** Various **Odor:** Strong gasoline
OSHA Hazards : Flammable Liquid, Carcinogen, Moderate skin irritant, Moderate eye irritant, Reproductive hazard

GHS Classification

: Flammable liquids, Category 2
Eye irritation, Category 2A
Skin irritation, Category 2
Reproductive toxicity, Category 2
Specific target organ systemic toxicity - single exposure, Category 3
Specific target organ systemic toxicity - repeated exposure, Category 2, Inhalation, Auditory organs
Aspiration hazard, Category 1
Acute aquatic toxicity, Category 1
Chronic aquatic toxicity, Category 1

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

GHS-Labeling

Symbol(s)



Signal Word

: Danger

Hazard Statements

: H225: Highly flammable liquid and vapor.
 H304: May be fatal if swallowed and enters airways.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H335 + H336: May cause respiratory irritation, and drowsiness or dizziness.
 H361: Suspected of damaging fertility or the unborn child.
 H373: May cause damage to organs (Auditory organs) through prolonged or repeated exposure if inhaled.
 H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statements

: **Prevention:**
 P210 Keep away from heat/sparks/open flames/hot surfaces.
 - No smoking.
 P243 Take precautionary measures against static discharge.
 P260 Do not breathe dust/fume/gas/mist/vapor/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
 P331 Do NOT induce vomiting.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308 + P313 IF exposed or concerned: Get medical advice/ attention.
 P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
 P391 Collect spillage.
Storage:
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
Disposal:
 P501 Dispose of contents/ container to an approved waste disposal plant.

Carcinogenicity:**IARC**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH

Confirmed animal carcinogen with unknown relevance to humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure.

Ethanol 64-17-5

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Motor Fuel

Molecular formula : Mixture

Component	CAS-No.	Weight %
2,2,4-Trimethylpentane (Isooctane)	540-84-1	30.00 - 80.00
Ethanol	64-17-5	10.00 - 30.00
Toluene	108-88-3	10.00 - 30.00
Isopentane	78-78-4	5.00 - 30.00
Isoalkanes 7-8	70024-92-9	1.00 - 10.00

4. FIRST AID MEASURES

General advice : Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Do not leave the victim unattended.

If inhaled : If symptoms persist, call a physician.

In case of skin contact : If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact : Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

5. FIRE-FIGHTING MEASURES

Flash point : < -37 °C (< -35 °F)

Autoignition temperature : No data available

Suitable extinguishing media : Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical.

Unsuitable extinguishing media : High volume water jet.

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

- | | | |
|--|---|--|
| Special protective equipment for fire-fighters | : | Wear self contained breathing apparatus for fire fighting if necessary. |
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers. |
| Fire and explosion protection | : | Do not spray on an open flame or any other incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition. |
| Hazardous decomposition products | : | Carbon Dioxide. Carbon oxides. |

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|---------------------------|---|---|
| Personal precautions | : | Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. |
| Environmental precautions | : | Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods for cleaning up | : | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

7. HANDLING AND STORAGE**Handling**

- | | | |
|---|---|---|
| Advice on safe handling | : | Avoid formation of aerosol. Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations. |
| Advice on protection against fire and explosion | : | Do not spray on an open flame or any other incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition. |

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

Storage

Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters****Chevron Phillips Chemical Company LP**

Ingredients	Basis	Value	Control parameters	Note
2,2,4-Trimethylpentane (Isooctane)	Manufacturer	TWA	300 ppm,	
Isoalkanes 7-8	Manufacturer	TWA	300 ppm,	

US

Ingredients	Basis	Value	Control parameters	Note
Ethanol	ACGIH	TWA	1,000 ppm,	A3,
	OSHA Z1B	TWA	1,000 ppm, 1,900 mg/m3	(b),
	OSHA Z1A	TWA	1,000 ppm, 1,900 mg/m3	
	NIOSH REL	TWA	1,000 ppm, 1,900 mg/m3	
Isopentane	ACGIH	TWA	600 ppm,	
Toluene	ACGIH	TWA	20 ppm,	*, BEI, A4,
	OSHA Z2	TWA	200 ppm,	
	OSHA Z2	CEIL	300 ppm,	
	OSHA Z2	Peak	500 ppm,	
	OSHA Z1A	TWA	100 ppm, 375 mg/m3	
	OSHA Z1A	STEL	150 ppm, 560 mg/m3	
	NIOSH REL	TWA	100 ppm, 375 mg/m3	
	NIOSH REL	ST	150 ppm, 560 mg/m3	

(b) The value in mg/m3 is approximate.

* 2010Adoption

A3 Confirmed animal carcinogen with unknown relevance to humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure.

A4 Not classifiable as a human carcinogen: Agents which cause concern that they could be carcinogenic for humans but which cannot be assessed conclusively because of a lack of data. In vitro or animal studies do not provide indications of carcinogenicity which are sufficient to classify the agent into one of the other categories.

BEI Substances for which there is a Biological Exposure Index or Indices (see BEI® section)

Personal protective equipment

Respiratory protection : In the case of vapor formation use a respirator with an approved filter. Use NIOSH approved respiratory protection.

Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water. Tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties****Appearance**

Form	: Liquid
Physical state	: Liquid
Color	: Various
Odor	: Strong gasoline

Safety data

Flash point	: < -37 °C (< -35 °F)
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Oxidizing properties	: No
Autoignition temperature	: No data available
Molecular formula	: Mixture
Molecular Weight	: Not applicable
pH	: Not applicable
Freezing point	: -94.44 °C (-137.99 °F)
Pour point	No data available
Boiling point/boiling range	: 46 - 116 °C (115 - 241 °F)
Vapor pressure	: 6.70 PSI at 38 °C (100 °F)
Density	: 5.97 L/G
Water solubility	: The ethanol component of this fuel is soluble in water.
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Relative vapor density	: 3.2 (Air = 1.0)
Evaporation rate	: > 1
Percent volatile	: > 99 %

10. STABILITY AND REACTIVITY**Possibility of hazardous reactions**

Conditions to avoid	: Heat, flames and sparks.
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TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

Materials to avoid : May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Other data : No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION**TrackTek® 100 ULE**

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

TrackTek® 100 ULE

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
Method: Calculation method

TrackTek® 100 ULE

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

TrackTek® 100 ULE

Skin irritation : May cause skin irritation in susceptible persons.

TrackTek® 100 ULE

Eye irritation : May cause irreversible eye damage.

TrackTek® 100 ULE

Sensitization : No adverse effects expected.

Repeated dose toxicity

2,2,4-Trimethylpentane (Isooctane) : Species: rat, Male and female
Sex: Male and female
Application Route: Inhalation
Dose: 0, 668, 2220, 6646 ppm
Exposure time: 13 weeks
Number of exposures: 6 hr/day 5 d/wk
NOEL: 8.117 mg/l 2220 ppm
Method: OECD Guideline 413
Information given is based on data obtained from similar substances.

Isopentane

Species: rat
Application Route: Inhalation
Dose: 1, 1000, 4500 ppm
Exposure time: 13 wk
Number of exposures: 6 h/d, 5 d/wk
NOEL: 2250 ppm

Toluene

Species: rat
Application Route: Inhalation
Dose: 0, 100, 625, 1250, 3000 ppm
Exposure time: 15 wk
Number of exposures: 6.5 h/d, 5 d/wk
NOEL: 625 ppm

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

Ethanol

Species: mouse
 Application Route: Inhalation
 Dose: 0, 100, 625, 1250, 3000 ppm
 Exposure time: 14 wk
 Number of exposures: 6.5 h/d, 5 d/wk
 NOEL: 100 ppm

Ethanol

Species: rat
 Application Route: Oral diet
 Dose: 5%
 Exposure time: 13 wk
 Number of exposures: in drinking water
 NOEL: < 5%
 Lowest observable effect level: 5%
 Target Organs: Liver

Isoalkanes 7-8

Species: rat
 Application Route: Inhalation
 Dose: 0, 385, 1180 ppm
 Exposure time: 12 wk
 Number of exposures: 6 hr/d, 5 d/wk
 NOEL: > 1180 ppm
 Target Organs: Kidney

Carcinogenicity

Toluene

: Species: rat
 Dose: 0, 600, 1200 ppm
 Exposure time: 2 yrs
 Number of exposures: 6.5 h/d, 5 d/wk
 Remarks: No evidence of carcinogenicity

Species: mouse
 Dose: 0, 600, 1200 ppm
 Exposure time: 2 yrs
 Number of exposures: 6.5 h/d, 5 d/wk
 Remarks: No evidence of carcinogenicity

Ethanol

Species: mouse
 Sex: male
 Dose: 2.5, 5%
 Exposure time: 2 yrs
 Number of exposures: in drinking water
 Remarks: Increase in liver tumors

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

Species: mouse
 Sex: female
 Dose: 2.5, 5%
 Exposure time: 2 yrs
 Number of exposures: in drinking water
 Remarks: no increase in tumors

Species: rat
 Dose: 5%
 Exposure time: 30 mo
 Number of exposures: in drinking water
 Remarks: increase number of liver, pituitary, adrenal, and pancreatic tumors

Reproductive toxicity

2,2,4-Trimethylpentane
 (Isooctane)

: Species: rat
 Application Route: Inhalation
 Dose: 0, 900, 3000, 9000 ppm
 Number of exposures: 6 h/d 5 d/wk
 Method: OECD Test Guideline 416
 NOEL Parent: 3000 ppm
 NOEL F1: 3000 ppm
 NOEL F2: 3000 ppm

Toluene

Species: rat
 Application Route: Inhalation
 Dose: 0, 100, 500, 2000 ppm
 Test period: 95 d
 NOEL Parent: 2000 ppm

Teratogenicity

2,2,4-Trimethylpentane
 (Isooctane)

: Species: rat
 Application Route: Inhalation
 Dose: 0, 400, 1200 ppm
 Number of exposures: 6h/d
 Test period: GD6-15
 NOEL Teratogenicity: 1200 ppm
 NOEL Maternal: 1200 ppm

Species: rat
 Application Route: Inhalation
 Dose: 0, 900, 3000, 9000 ppm
 Number of exposures: 6h/d
 Test period: GD6-15
 Method: OECD Guideline 414
 NOEL Teratogenicity: 9000 ppm
 NOEL Maternal: 3000 ppm

Toluene

Species: rat
 Application Route: Inhalation
 Dose: 0, 100, 500, 2000 ppm
 Test period: 95 d
 NOEL Teratogenicity: 400-750 ppm

Ethanol

Species: mouse
 Application Route: oral gavage
 Dose: 17, 25, 30 %

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

NOAEL Teratogenicity: 17%

TrackTek® 100 ULE

Aspiration toxicity

: May be fatal if swallowed and enters airways.
Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.

CMR effects2,2,4-Trimethylpentane
(Isooctane)

: Carcinogenicity: Not available
Mutagenicity: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Teratogenicity: Animal testing did not show any effects on fetal development.
Reproductive toxicity: Animal testing did not show any effects on fertility.

TrackTek® 100 ULE

Further information

: Solvents may degrease the skin.

12. ECOLOGICAL INFORMATION**Toxicity to fish**2,2,4-Trimethylpentane
(Isooctane)

: LC50: 0.11 mg/l
Exposure time: 96 HR
Species: Oncorhynchus mykiss (rainbow trout)
semi-static test Method: OECD Test Guideline 203
Information given is based on data obtained from similar substances.

Isopentane

LC50: 3.1 mg/l
Exposure time: 96 HR
Species: Oncorhynchus mykiss (rainbow trout)

Toluene

LC50: 18 - 36 mg/l
Exposure time: 96 HR
Species: Pimephales promelas (fathead minnow)

Ethanol

LC50: 13,480 mg/l
Exposure time: 96 HR
Species: Pimephales promelas (fathead minnow)

Isoalkanes 7-8

LC50: 5.4 mg/l
Exposure time: 96 HR
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates.2,2,4-Trimethylpentane
(Isooctane)

: EC50: 0.4 mg/l
Exposure time: 48 HR
Species: Daphnia magna (Water flea)
static test Information given is based on data obtained from similar substances.

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

Isopentane EC50: 2.3 mg/l
Exposure time: 48 HR
Species: Daphnia magna (Water flea)

Toluene EC50: 3.78 mg/l
Exposure time: 48 HR
Species: Daphnia magna (Water flea)

Ethanol LC50: 12,340 mg/l
Exposure time: 48 HR
Species: Daphnia magna (Water flea)

Isoalkanes 7-8 7.4 mg/l
Exposure time: 48 HR
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 202

Toxicity to algae

2,2,4-Trimethylpentane (Isooctane) : EL50: 2.943 mg/l
Exposure time: 72 HR
Method: QSAR modeled data

Toluene EC50: 134 mg/l
Exposure time: 72 HR
Species: Chlamydomonas angulosa (Green algae)

Ethanol EC50: 1,000 mg/l
Exposure time: 72 HR
Species: Chlorella vulgaris (Fresh water algae)

Isoalkanes 7-8 EL50: 29.0 mg/l
Exposure time: 72 HR
Species: Raphidocellus subcapitata (algae)
Growth inhibition Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates. (Chronic toxicity)

2,2,4-Trimethylpentane (Isooctane) : NOEC: 0.17 mg/l
Exposure time: 21 D
Species: Daphnia magna (Water flea)

Elimination information (persistence and degradability)**Bioaccumulation**

2,2,4-Trimethylpentane (Isooctane) : Bioconcentration factor (BCF): 231
Method: Estimated based on individual component values.

Isopentane : Accumulation in aquatic organisms is unlikely.

Biodegradability : Expected to be biodegradable

Further information on ecology

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

Results of PBT assessment

2,2,4-Trimethylpentane (Isooctane) : Non-classified PBT substance, Non-classified vPvB substance

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

The information in this MSDS pertains only to the product as shipped.

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

Product : The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

14. TRANSPORT INFORMATION

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the MSDS and the bill of lading.

USDOT

UN3475, ETHANOL AND GASOLINE MIXTURE, 3, II

IMO / IMDG

UN3475, ETHANOL AND GASOLINE MIXTURE, 3, II, MP (2,2,4-TRIMETHYLPENTANE), (< -37 °C)

IATA

UN3475, ETHANOL AND GASOLINE MIXTURE, 3, II

ADR

UN3475, ETHANOL AND GASOLINE MIXTURE, 3, II

RID

UN3475, ETHANOL AND GASOLINE MIXTURE, 3, II

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

15. REGULATORY INFORMATION**National legislation**

SARA 311/312 Hazards : Fire Hazard
Acute Health Hazard
Chronic Health Hazard

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302 Reportable Quantity : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Ingredients :
Toluene TOLUENE 108-88-3 < 1 % by weight
The following components are subject to reporting levels established by SARA Title III, Section 313:
Toluene TOLUENE 108-88-3 < 1 % by weight

Clean Air Act

Ozone-Depletion Potential : This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61): : Toluene 30

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

The following chemical(s) are listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F): : Isopentane 30

The following chemical(s) are listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F):

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489): : Ethanol 30

Isopentane 30
Toluene 30

US State Regulations

Pennsylvania Right To Know Ingredients : 2,2,4-Trimethylpentane (Isooctane) 540-84-1
Ethanol 64-17-5
Isopentane 78-78-4
Toluene 108-88-3

New Jersey Right To Know Ingredients : 2,2,4-Trimethylpentane (Isooctane) 540-84-1
Ethanol 64-17-5
Isopentane 78-78-4
Toluene 108-88-3

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

**California Prop. 65
Ingredients**

: WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

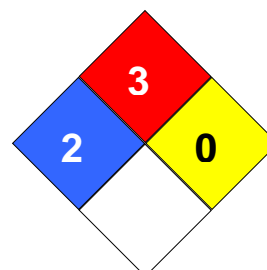
Ethanol	64-17-5
Toluene	108-88-3

Notification status

Europe REACH	: On the inventory, or in compliance with the inventory
United States of America US.TSCA	: On the inventory, or in compliance with the inventory
Canada NDSL	: On the inventory, or in compliance with the inventory
Australia AICS	: On the inventory, or in compliance with the inventory
New Zealand NZIoC	: Not in compliance with the inventory
Japan ENCS	: On the inventory, or in compliance with the inventory
Korea KECI	: On the inventory, or in compliance with the inventory
Philippines PICCS	: Not in compliance with the inventory
China IECSC	: Not in compliance with the inventory

16. OTHER INFORMATION

NFPA Classification : Health Hazard: 2
Fire Hazard: 3
Reactivity Hazard: 0

**Further information**

Legacy MSDS Number : CPC00143

Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information in this MSDS pertains only to the product as shipped.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH	American Conference of Government Industrial Hygienists	LOAEL	Lowest Observed Adverse Effect Level
AICS	Australia, Inventory of Chemical	NFPA	National Fire Protection Agency

TrackTek® 100 ULE

Version 1.9

Revision Date 2011-03-04

	Substances		
DSL	Canada, Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
NDSL	Canada, Non-Domestic Substances List	NTP	National Toxicology Program
CNS	Central Nervous System	NZIoC	New Zealand Inventory of Chemicals
CAS	Chemical Abstract Service	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration	NOEC	No Observed Effect Concentration
EC50	Effective Concentration 50%	OSHA	Occupational Safety & Health Administration
EINECS	European Inventory of Existing Chemical Substances	PEL	Permissible Exposure Limit
MAK	Germany Maximum Concentration Values	PICCS	Philippines Inventory of Commercial Chemical Substances
GHS	Globally Harmonized System	PRNT	Presumed Not Toxic
>=	Greater Than or Equal To	RCRA	Resource Conservation Recovery Act
IC50	Inhibition Concentration 50%	STEL	Short-term Exposure Limit
IARC	International Agency for Research on Cancer	SARA	Superfund Amendments and Reauthorization Act.
IECSC	Inventory of Existing Chemical Substances in China	TLV	Threshold Limit Value
ENCS	Japan, Inventory of Existing and New Chemical Substances	TWA	Time Weighted Average
KECI	Korea, Existing Chemical Inventory	TSCA	Toxic Substance Control Act
<=	Less Than or Equal To	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
LC50	Lethal Concentration 50%	WHMIS	Workplace Hazardous Materials Information System
LD50	Lethal Dose 50%		