



Safety Data Sheet

SECTION 1: Identification

Product name : TPH AC44 Hybrid
Recommended use : Flocculant
Restrictions on use : Product for industrial use only

Tons Per Hour Inc.
13, Carry Way
Mound House, NV 89706

Emergency number (24 hours) For Hazardous Materials [or Dangerous Goods] Incident: Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night 1-800-424-9300 / +1 703-527-3887 CCN 658224

SECTION 2: Hazard identification

Classification (GHS-CA/US)

None

GHS-CA labelling

Signal word : None

Hazard statements : None

Precautionary statements : Observe good industrial hygiene practices. Wear suitable protective clothing, gloves and eye or face protection. Always wash hands after handling the product. Dispose of waste product or used containers according to local regulations

Other hazards not contributing to the classification : Contact with walking surface may result in formation of slippery film and falling hazard.

SECTION 3: Composition/information on ingredients

Name	Chemical name / Synonyms	Product identifier	%
Hydrotreated Light Petroleum Distillate	mineral oil (< 3% DMSO extract)	(CAS-No.) 64742-47-8	40 - 50

SECTION 4: First-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

Most important symptoms and effects (acute and delayed):

Repeated or prolonged contact may cause skin irritation. May cause eye irritation.

Immediate medical attention and special treatment, if necessary:

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable extinguishing media : Dry powder. Foam. Carbon dioxide. Water spray. Water fog.

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

Specific hazards arising from the hazardous product:

Fire hazard : Heating increases the fire hazard.

Hazardous decomposition products in case of fire: : Combustion generates: Carbon monoxide. Carbon dioxide. Toxic fumes may be released.

Special protective equipment and precautions for firefighters:

Firefighting instructions : Evacuate area. Fight fire from safe distance and protected location. Use water spray or fog for cooling exposed containers.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Precautionary measures : On contact with water--may be dangerously slippery if spilled.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

General measures : Caution: this product can cause the floor to be slippery. Evacuate personnel to a safe area. Wear personal protective equipment. Ensure adequate air ventilation.

Prevention Measures for Secondary Accidents : Avoid contact with water--may be dangerously slippery if spilled.

Methods and materials for containment and cleaning up:

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Eliminate all ignition sources.
In case of large spills: Stop leaks if it can be done without personal risk. Dike the spilled material, where this is possible. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid with sand or inert absorbent and remove to safe place.

Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.

Other information : Dispose of materials or solid residues at an authorized site. Advise local authorities if considered necessary.

SECTION 7: Handling and storage

Precautions for safe handling:

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Use only in well-ventilated areas. Avoid breathing mist, vapors or spray.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities:

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container closed when not in use. Store away from incompatible materials.

SECTION 8: Exposure controls/personal protection

Control parameters

Hydrotreated Light Petroleum Distillate (64742-47-8)		
USA - ACGIH	ACGIH TWA (mg/m ³)	5 (Mineral oil - inhalable fraction)

Appropriate engineering controls

- Appropriate engineering controls : Use only outdoors or in a well-ventilated area. Ensure good ventilation of the work station. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
- Environmental exposure controls : Avoid release to the environment.

Individual protection measures/Personal protective equipment**Hand protection:**

Wear appropriate chemical resistant gloves. (Nitrile rubber, PVC, Neoprene)

Eye protection:

Safety glasses with side shields

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Colour	: Tan
Odor	: Hydrocarbon odor
Odor threshold	: No data available
pH	: 7 (0.5% in water)
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: -8°F (-22°C) (Pour point)
Boiling point	: No data available
Flash point	: > 200 °F (> 93°C) (Closed Cup)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Vapor pressure at 50 °C	: No data available
Relative density	: No data available
Density	: 1.08 - 1.12
Solubility	: Dispersible in water
Log Pow	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

SECTION 10: Stability and reactivity

- Reactivity** : The product is non-reactive under normal conditions of use, storage and transport.
- Chemical stability** : Stable under normal conditions.

Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: Strong oxidizers.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Hydrotreated Light Petroleum Distillate (64742-47-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation	: Not classified pH: 7 (0.5% in water)
Serious eye damage/irritation	: Not classified pH: 7 (0.5% in water)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Likely routes of exposure	: Eye contact. Skin contact.
Symptoms/effects after skin contact	: Repeated or prolonged contact may cause skin irritation.
Symptoms/effects after eye contact	: May cause eye irritation.

SECTION 12: Ecological information

Toxicity

Ecology - general	: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

SECTION 13: Disposal considerations

- Waste treatment methods** : Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose in a safe manner in accordance with local/national regulations.
- Product/Packaging disposal recommendations** : Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: Transport information**Transportation of Dangerous Goods (TDG)**

Not regulated for transport

US Department of Transport (DOT)

Not regulated for transport

Air and sea transport**IMDG**

Not regulated for transport

IATA

Not regulated for transport

SECTION 15: Regulatory information**Canadian Regulations:**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). This SDS contains all the information required by the HPR.

All components of this product are either on the Domestic Substances List (DSL) or are in compliance with the chemical notification requirements of the New Substances Notification Regulations under the Canadian Environmental Protection Act (CEPA).

US Federal Regulations:

While this material is not considered hazardous by the OSHA Hazard Communication Standard 2012 (HCS 2012), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

SECTION 16: Other information

- Version : 1.1
- Revision date : 02/24/2026
- Supersedes : 10-Oct-24

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