

Safety Data Sheet

SECTION 1: Identification

Product name : TPH Cationic C1540B
Recommended use : WATER TREATMENT POLYMER
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)
 Serious eye damage/eye irritation, Category 2

GHS labelling

Hazard pictograms : 

Signal word : Warning

Hazard statements : Causes serious eye irritation.

Precautionary statements : Wash hands, forearms and face thoroughly after handling. Wear protective gloves, protective clothing, and eye protection/face protection.
 IF IN EYES: 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.

SECTION 3: Composition/information on ingredients

Name	Chemical name / Synonyms	Product identifier	%
Inorganic salt	-	Trade Secret	Trade Secret

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. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 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 : Do not induce vomiting. Rinse mouth out with water. Get medical advice/attention.

Most important symptoms and effects (acute and delayed):

May cause severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.



Safety Data Sheet

Immediate medical attention and special treatment, if necessary:

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : No unsuitable extinguishing media known.

Specific hazards arising from the hazardous product:

Fire hazard : The product itself does not burn.

Hazardous decomposition products in case of fire: : None known.

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.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

General measures : Evacuate personnel to a safe area. Wear personal protective equipment. Ensure adequate air ventilation.

Personal Precautions, Protective Equipment and Emergency Procedures : Avoid contact with skin and eyes. Avoid breathing mist, vapors or spray.

Methods and materials for containment and clean up:

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

Methods for cleaning up : 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.

Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean contaminated surfaces with an excess of water.

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

SECTION 7: Handling and storage

Precautions for safe handling:

Precautions for safe handling : Avoid contact with skin and eyes. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing mist, vapors or spray.

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

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

No exposure limits noted for ingredient(s).



Safety Data Sheet

Appropriate engineering controls

- Appropriate engineering controls : Use only outdoors or in a well-ventilated area. 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.

Eye protection:

Safety glasses with side shields

Skin and body protection:

Wear suitable protective clothing. Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Use respirator with an organic vapor and mist cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Colour	: White/opaque
Odor	: Odorless
Odor threshold	: No data available
pH	: 7.5
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: -1°C (30°F)
Boiling point	: No data available
Flash point	: Not applicable
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	: 1.2
Solubility	: Soluble 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.



Safety Data Sheet

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

TPH C1540B	
LD50 oral rat	> 2000 mg/kg (estimated)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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 eye contact : May cause severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

SECTION 12: Ecological information

Toxicity

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

Acute aquatic toxicity : Not classified (Lack of data)

Chronic aquatic toxicity : Not classified (Lack of data)

Persistence and degradability

TPH 1540B	
Persistence and degradability	Not established.

Bioaccumulative potential

TPH 1540B	
Bioaccumulative potential	Not established.

Mobility in soil

TPH 1540B	
Ecology - soil	Not established.



Safety Data Sheet

SECTION 13: Disposal considerations

- Waste treatment methods** : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.
- 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) / 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:

This product is considered hazardous as defined 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

- Revision date : 02/24/2026
- Supersedes : 11/04/2019

The information on this SDS is based on data which is considered to be accurate. TPH Inc, however, makes no guarantees or warranty, either expressed or implied of the accuracy or completeness of this information. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This SDS was prepared and is to be used for this product. If the product is used as a component in another product, this SDS information may not be applicable.