SECTION 1: IDENTIFICATION

Product Identifier
Product Name: Soltex Inhibsol 10
Synonyms: Soltex Inhibsol 10

Intended Use of the Product
Insulating Oil.

Name, Address, and Telephone of the Responsible Party
Company
Soltex Inc. (Synthetic Oils & Lubricants of Texas)
3707 FM 1960 W Ste. 560
Houston, TX 77068
(281)-587-0900
soltexinc.com

Emergency Telephone Number
Emergency Number: (800)-424-9300 (CHEMTREC); (281)-587-0900 (Other Safety Information)

SECTION 2: HAZARDS IDENTIFICATION

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the Substance or Mixture
Classification (GHS-US)
Asp. Tox. - Cat. 1   Aquatic Chronic - Cat. 2

Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US):

Hazard Statements (GHS-US):
May be fatal if swallowed and enters airways.
Toxic to aquatic life with long lasting effects.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
Store locked up.
Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. See section 13 of this SDS for disposal instructions. Avoid release to the environment.

Other Hazards
No additional information available

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>% (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light naphthenic</td>
<td>64742-53-6</td>
<td>26.0 - 89.0</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light paraffinic</td>
<td>64742-55-8</td>
<td>0.0 - 27.0</td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-dewaxed light paraffinic</td>
<td>64742-56-9</td>
<td>0.0 - 9.0</td>
</tr>
<tr>
<td>Lubricating oils (petroleum), C_{15-30}, hydrotreated neutral oil-based</td>
<td>72623-86-0</td>
<td>0.0 - 45.0</td>
</tr>
<tr>
<td>2,6-di-tert-butyl-p-cresol (BHT)</td>
<td>128-37-0</td>
<td>9.5 - 10.5</td>
</tr>
</tbody>
</table>
SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

Inhalation
Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical advice/attention.

Skin contact
Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.

Eye contact
Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion
Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control center immediately.

Most important symptoms/effects, acute and delayed
Defatting of the skin.

Indication of immediate medical attention and special treatment needed
Treat symptomatically.

General information
Contact physician if discomfort continues.

See toxicological information (Section 11)

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media
Dry chemicals. Foam. Carbon dioxide (CO2). Water spray or fog.

Unsuitable extinguishing media
Do not use direct water jets; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Specific hazards arising from the chemical
No unusual fire or explosion hazards noted.

Special protective equipment and precautions for firefighters
Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Fire fighting equipment/instructions
Cool containers exposed to flames with water until well after the fire is out. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Use pressurized air mask if product is involved in a fire.

General fire hazards
No unusual fire or explosion hazards noted.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.

Methods and materials for containment and cleaning up
Large Spills: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth or absorbent material then place into containers. Following product recovery, flush area with water.

Small Spills: Stop leak if without risk. Absorb spilled product with suitable non-comustible materials.

Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions
Water polluting material. Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements or confined areas. Avoid discharge to the aquatic environment. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground. If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.
Precautions for safe handling

DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands after handling and before eating. Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Store in a well-ventilated place. Use care in handling/storage. Store separately from oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light naphthenic (CAS#64742-53-6)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Mist.</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light paraffinic (CAS#64742-55-8)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Mist.</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-dewaxed light paraffinic (CAS#64742-56-9)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Mist.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,6-Di-tert-butyl-p-cresol (BHT) (CAS#128-37-0)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Inhalable fraction and vapor.</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light paraffinic (CAS#64742-55-8)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
<td></td>
</tr>
<tr>
<td>Lubricating oils (petroleum), C₁₅-₃₀, hydrotreated neutral oil-based (CAS#72623-86-0)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. NIOSH: Pocket Guide to Chemical Hazards</th>
<th>Material</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light naphthenic (CAS#64742-53-6)</td>
<td>Ceiling</td>
<td>1800 mg/m³</td>
<td>Mist.</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light paraffinic (CAS#64742-55-8)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Mist.</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-dewaxed light paraffinic (CAS#64742-56-9)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Mist.</td>
<td></td>
</tr>
<tr>
<td>2,6-Di-tert-butyl-p-cresol (BHT) (CAS#128-37-0)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Mist.</td>
<td></td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.
Individual protection measures, such as personal protective equipment

Eye/face protection
Goggles/face shield are recommended.

Skin protection

Hand protection
Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

Other
Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.

Respiratory protection
Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards
Not available.

General hygiene considerations
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance

Physical state
Liquid.

Form
Liquid.

Color
Water White to Pale

Odor
Mild Petroleum Odor

Odor threshold
Not available.

pH
Not applicable

Melting point/freezing point
Not available

Initial boiling point and boiling range
Not available

Flash point
302°F(150°C) ASTM D92

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.

Vapor pressure
Not available.

Vapor density
Not available.

Relative density
0.889 g/cm³(59°F(15 °C) ASTM D4052/ ISO 12185)

Solubility(ies)

Solubility (water)
Insoluble

Partition coefficient (n-octanol/water)
Not established.

Auto-ignition temperature
Not available.

Decomposition temperature
Not available.

Viscosity
9.8 cSt(104°F(40°C) ASTM D445)
SECTION 10: STABILITY AND REACTIVITY

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Stable.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Conditions to avoid
Heat, flames and sparks. Avoid temperatures exceeding the flash point.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
Upon decomposition, this product emits carbon oxides or other toxic vapors and unidentified organic and inorganic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

<table>
<thead>
<tr>
<th>Route</th>
<th>Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>May be irritating to eyes.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration. May be fatal if swallowed and enters airways.</td>
</tr>
</tbody>
</table>

Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>May cause defatting of the skin, but is neither an irritant nor a sensitizer.</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Not classified. May cause minor irritation on eye contact.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer.</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Not classified.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Nota L - Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346. Not classified.</td>
</tr>
</tbody>
</table>

Nota L - Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346. Not classified.

IARC Monographs. Overall Evaluation of Carcinogenicity
Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)
Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.

Reproductive toxicity
Contains no ingredient listed as toxic to reproduction.

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
Not classified.

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,6-di-tert-butyl-p-cresol (CAS#128-37-0)</td>
<td>25 mg/kg body weight/day - NOAEL (oral, rat, 90 days)</td>
</tr>
</tbody>
</table>
### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Toxic to aquatic life with long lasting effects. Water polluting material.

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Test</th>
<th>Period</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,6-di-tert-butyl-p-cresol (CAS#128-37-0)</td>
<td>OECD 301C Ready Biodegradability</td>
<td>28 days</td>
<td>4.5 %</td>
</tr>
<tr>
<td></td>
<td>- Modified MITI Test (I)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and degradability:** Not inherently biodegradable.

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogPow</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,6-di-tert-butyl-p-cresol (CAS#128-37-0)</td>
<td>5.1</td>
<td>-</td>
<td>high</td>
</tr>
</tbody>
</table>

**Bioaccumulative potential:** The product has a potential to bioaccumulate.

**Mobility in soil:** Not available.

**Other adverse effects:** Insoluble in water. Spill may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal methods:** The generation of waste should be avoided or minimized wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Hazardous waste:** Yes

Disposal should be in accordance with applicable regional, national and local laws and regulations.
SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT</th>
<th>IMO/IMDG</th>
<th>ICAO/IATA</th>
<th>ADN</th>
</tr>
</thead>
<tbody>
<tr>
<td>3082</td>
<td>3082</td>
<td>3082</td>
<td>3082</td>
</tr>
</tbody>
</table>

UN Number | 3082
UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MIXTURE, CONTAINS 2,6-DI-TERT-BUTYL-P-CRESOL)

Transport hazard class | 9
Packaging group | III
Environmental hazards | environmentally hazardous, marine pollutant

Special precautions for the user | Always transport in a closed container. Environmentally hazardous substance. Marine pollutants. Keep separated from foodstuffs

MARPOL Annex 1 | Oils

SECTION 15: REGULATORY INFORMATION

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

Soltex Inhibsol 10 is certified to be PCB-free. Soltex Inhibsol 10 is processed from naturally occurring raw materials with no additives or recycled oils that might introduce PCB contamination.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312

Hazardous chemical

Yes

Classified hazard categories

Aspiration hazard

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

US state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.
### International Regulations

<table>
<thead>
<tr>
<th>Soltex Inhibsol 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the AICS (Australian Inventory of Chemical Substances)</td>
</tr>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
<tr>
<td>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)</td>
</tr>
<tr>
<td>Listed on EINECS (European Inventory of Existing Commercial Chemical Substances)</td>
</tr>
<tr>
<td>Listed on the Japanese ENCS (Existing &amp; New Chemical Substances) inventory</td>
</tr>
<tr>
<td>Listed on the Korean ECL (Existing Chemicals List)</td>
</tr>
<tr>
<td>Listed on NZIoC (New Zealand Inventory of Chemicals)</td>
</tr>
<tr>
<td>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)</td>
</tr>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
</tbody>
</table>

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date**: 5/28/2020  
**Other Information**: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.  

**Party Responsible for the Preparation of This Document**  
Synthetic Oils and Lubricants of Texas  
Suite 560  
Houston, TX 77068  
281-587-0900  
www.soltexinc.com

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

GHS SDS