

Safety Data Sheet (SDS)
HI-TEK TURBINE OIL 100

Reference No.: 568520
SDS Revision Date: 10/29/2020



1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity HI-TEK TURBINE OIL 100

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use See Technical Data Sheet

Application Method See Technical Data Sheet

1.3. Details of the supplier of the safety data sheet

Company Name Industrial Oils Unlimited, LLC
3633 Charles Page Blvd.
Tulsa, OK. 74127

Emergency

24 hour Emergency Telephone No. CHEMTREC (USA) (800) 424-9300

Customer Service

Industrial Oils Unlimited, LLC (918) 583-1155

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Skin Sens. 1;H317 May cause an allergic skin reaction.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

H317 May cause an allergic skin reaction.

[Prevention]:

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P313 Get medical advice / attention.

P321 Specific treatment (see information on this label).

P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

P363 Wash contaminated clothing before reuse.

[Storage]:

No GHS storage statements

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations | Weight % | Notes |
|--|------------|-------|
| PHENYL-1-NAPHTHYLAMINE CAS Number: Proprietary | 0.10 - 1.0 | [1] |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

4. First aid measures

4.1. Description of first aid measures

| | |
|------------|---|
| General | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. |
| Inhalation | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth. |
| Eyes | Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention. |
| Skin | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Do NOT use solvents or thinners. |

Ingestion If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview No adverse symptoms or effects anticipated under normal handling conditions See section 2 for further details.

Skin May cause an allergic skin reaction.

5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO², powder, water spray. Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of sulfur, nitrogen or phosphorus may also be formed.

Avoid breathing dust / fume / gas / mist / vapors / spray.

5.3. Advice for fire-fighters

Evacuate area. Prevent contamination from run-off of adjacent areas, streams, drinking water and sewers. Do not flush down sewers or other drainage systems. Exposed firefighters must wear standard protective equipment and in enclosed areas self-contained breathing apparatus. Use water-spray to cool fire exposed surfaces and personnel

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep all sources of ignition away from spill/release. In case of a major spill or spillage in a confined space evacuate the area and check vapor levels.

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors or mists. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13). Clean, preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or watercourses. If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

7. Handling and storage

7.1. Precautions for safe handling

Do not get in eyes on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Destroy contaminated belts and shoes and other items that cannot be decontaminated.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in dry, well-ventilated area away from excessive heat and incompatibles.

Incompatible materials: Oxidizing agents

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

See Technical Data Sheet

| |
|--|
| 8. Exposure controls and personal protection |
|--|

8.1. Control parameters

Exposure

| CAS No. | Ingredient | Source | Value |
|-------------|------------------------|--------|----------------------|
| Proprietary | PHENYL-1-NAPHTHYLAMINE | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|-------------|------------------------|--------|--|
| Proprietary | PHENYL-1-NAPHTHYLAMINE | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

8.2. Exposure controls

| | |
|----------------------|---|
| Respiratory | If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators. |
| Eyes | Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids. |
| Skin | Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact. |
| Engineering Controls | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. |

Other Work Practices See Technical Data Sheet
 See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

| | |
|---|--|
| Appearance | Light golden Liquid |
| Odor | Mild Hydrocarbon |
| Odor threshold | Not Measured |
| pH Not Determined | Not Measured |
| Melting point / freezing point (°C) | Not Measured |
| Initial boiling point and boiling range (°C) | Not Measured |
| Flash Point | >93 (°C) >200 (°F) Seta Closed Cup |
| Evaporation rate (Ether = 1) | Not Measured |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured |
| Vapor pressure (Pa) | Not Measured |
| Vapor Density | Not Measured |
| Specific Gravity | 0.861 |
| Solubility in Water | Not Measured |
| Partition coefficient n-octanol/water (Log Kow) | Not Measured |
| Auto-ignition temperature (°C) | Not Measured |
| Decomposition temperature | Not Measured |
| Viscosity (cSt) | 90-110 @ 40 C |
| VOC % | Not Measured |
| 9.2. Other information | |
| No other relevant information. | |

10. Stability and reactivity

10.1. Reactivity

Not chemically reactive

10.2. Chemical stability

Stable under normal ambient and anticipated conditions of use.

10.3. Possibility of hazardous reactions

Hazardous reactions not anticipated.

10.4. Conditions to avoid

Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition.

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10.5. Incompatible materials

Oxidizing agents

10.6. Hazardous decomposition products

Not anticipated under normal conditions of use.

11. Toxicological information

Acute toxicity

ATE (Acute Toxicity Estimate)

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapour LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|------------------------|------------------|------------------|----------------------------------|-------------------------------------|--------------------------|
| HI-TEK TURBINE OIL 100 | >2,000.00 | > 2,000.00 | No data available | No data available | No data available |

| Item | Category | Hazard |
|---|----------|--------------------------------------|
| Acute Toxicity (mouth) | --- | Not Applicable |
| Acute Toxicity (skin) | --- | Not Applicable |
| Acute Toxicity (inhalation) | --- | Not Applicable |
| Skin corrosion/irritation | --- | Not Applicable |
| Eye damage/irritation | --- | Not Applicable |
| Sensitization (respiratory) | --- | Not Applicable |
| Sensitization (skin) | 1 | May cause an allergic skin reaction. |
| Germ toxicity | --- | Not Applicable |
| Carcinogenicity | --- | Not Applicable |
| Reproductive Toxicity | --- | Not Applicable |
| Specific target organ systemic toxicity (single exposure) | --- | Not Applicable |
| Specific target organ systemic Toxicity (repeated exposure) | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

12. Ecological information

12.1. Toxicity

No additional information provided for this product.

12.2. Persistence and degradability

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There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available

13. Disposal considerations

13.1. Waste treatment methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply. Dispose of contents in accordance with local and national regulations.

14. Transport information

| | |
|---------------------------|--------------------|
| DOT Proper shipping name | Not Regulated |
| IMDG Proper Shipping Name | Not Regulated |
| ICAO/IATA | See bill of lading |

15. Regulatory information

| | |
|-------------------------------------|--|
| Regulatory Overview | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. |
| Toxic Substance Control Act (TSCA) | All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory. |
| WHMIS Classification | D2B |
| US EPA Tier II Hazards | Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes |

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (>0.1%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous (>0.1%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Pennsylvania RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

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| 16. Other information |
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SDS Revision Date 10/29/2020

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This is the first revision of this SDS format, changes from previous revision not applicable.

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