

Material Safety Data Sheet November 21, 2018

1. Chemical Product

General Product Name: TDK Lightweight Oil
Synonyms: No other identifiers
Product Description: Synthetic Lightweight Oil

2. Composition/Information on Ingredients

This product contains no hazardous materials.

3. Hazard Identification

Potential Health Effects:

INHALATION:

Breathing Difficulty

Dizziness

Coughing

EYE CONTACT:

Negligible Effects

SKIN CONTACT:

Prolonged or repeated contact is not likely to cause significant skin irritation.

INGESTION:

Gastric or intestinal disorders, may also cause gastro-intestinal irritation if ingested. Nausea in case of ingestion.

4. First Aid Measures

INHALATION:

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

In case of irregular breathing or respiratory arrest provide artificial respiration.

EYE CONTACT:

Protect unharmed eye.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

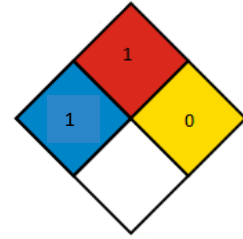
SKIN CONTACT:

Wash with soap and water.

If skin irritation is experienced, consult a doctor.

INGESTION:

Rinse out mouth and then drink plenty of water.



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Do not induce vomiting; call for medical help immediately.
A person vomiting while lying on their back should be turned onto their side.

5. Fire Fighting Measures

Flash Point (Method Used): 251.0 C or 483.8 F min (open cup)
Flammability Limits: None Known

EXTINGUISHING MEDIA:

Water, Haze or Fog. Foam. Fire-extinguishing powder. Carbon Dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Formation of toxic gases is possible during heating or in case of fire.

6. Accidental Release Measures Spill Clean-Up Procedures

Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.
Particular danger of slipping on leaked/spilled product.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

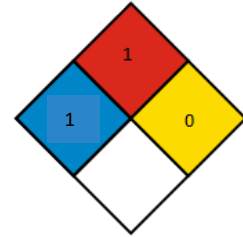
Do not allow to enter sewers/surface or ground water.
Prevent from spreading (e.g. by damming-in or oil barriers)

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Remove from water surface (e.g. skim or suck off)
Send for recovery or disposal in suitable receptacles.

7. Handling and Storage

Store in cool, dry conditions in well-sealed receptacles.
Keep away from oxidizing agents, extreme heat, ignition sources or open flame.
Use in well ventilated areas.
Avoid storage near extreme heat, ignition sources, or open flame.



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8. Exposure Control / Personal Protection

RESPIRATORY PROTECTION:

Not required under normal conditions of use. Use suitable respiratory protective device when aerosol or mist is formed.

PROTECTIVE CLOTHING:

Safety glasses recommended to protect eyes from mists or splashing. Protective gloves recommend for repeated or prolonged contact.

OTHER PROTECTIVE MEASURES:

The usual precautionary measures are to be adhered to when handling chemicals. Wash hands before breaks and at the end of work. Do not inhale gases/ fumes/ aerosols. Avoid contact with eyes. Avoid close or long term contact with the skin.

9. Physical and Chemical Properties

Boiling point: Not Determined.

Specific Gravity: 0.89 @ 60 F

Vapor Pressure: Not Determined.

Vapor Density: Not Determined.

Appearance and Odor: Colorless and Mild Odor.

Volatiles, % by Volume: <1

Solubility in H₂O: Insoluble

Evaporation Rate: Not Determined.

10. Stability and Reactivity

General:

No decomposition if used and stored according to specifications.

Incompatible Materials and Conditions to Avoid:

Oxidizing agents.

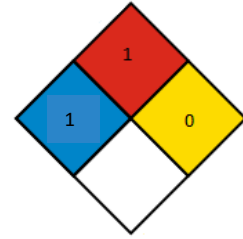
Hazardous Decomposition Products:

Possible in traces: Carbon Monoxide and Carbon Dioxide, Hydrogen Fluoride, Fluorocarbons.

11. Disposal Considerations

Waste Disposal:

Contact waste processors for recycling information. The user of this material has the responsibility to dispose of unused material, residues and containers in



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compliance with all relevant local, state and federal laws regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

12. Transport Information

UN Hazard Class: N/A

NMFC:

Proper Shipping Name: Not Regulated

Identification Number: Not Regulated

Shipping Classification: Not applicable

13. Regulatory Information:

OSHA:

The product is not classified as hazardous according to OSHA GHS regulations within the United States. The product is not classified as hazardous according to the CLP regulation.

TSCA:

All ingredients are listed.

CERCLA:

Not Reportable

SARA TITLE III:

Section 302: None

Section 355: None

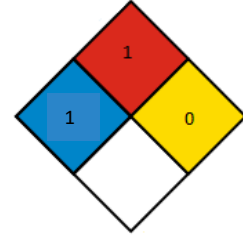
Section 313: None

Prop 65:

None of the ingredients are listed.

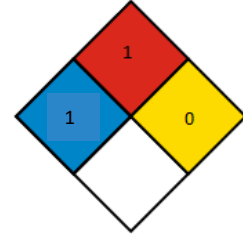
14. Other Info:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable



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as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.



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Environmental and Safety Information

Acute Oral Toxicity/Rates:

Non-Toxic

Skin Irritation:

Based on available data, the classification criteria are not met.

Biodegradability:

50% degradability in 28-35 days. 60+% in 56 days. Per CEC-L33-T82

Flash Point:

Flash point is over 450 F.