



Safety Data Sheet

Product identifier used on the label: DURAGARD® HI-TEK

ULTRA HVI 26 HYDRAULIC FLUID

Stock Number: DURHITEKULTHVI26

Revision Date: 06-25-2020

Replaces:

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

Product identifier used on the label: DURAGARD® HI-TEK ULTRA HVI 26 HYDRAULIC FLUID

Stock Number: DURHITEKULTHVI26

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Hydraulic Oil

Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, distributor, importer, or other responsible party:

Advantage Dist. & Lubricants, LLC 3434
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Rochester, MN 55904
United States of America
www.advantagelubes.com

Phone number: +01 (800) 420-1414 +01 (507) 289-5555

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CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

2. Hazard identification of the product

2.1. Classification of the substance or mixture

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 or Regulation (EC) No 1272/2008

2.2. Label elements

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

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 or Regulation (EC) No 1272/2008

[Prevention]:

No GHS prevention statements

[Response]:

No GHS response statements

[Storage]:

No GHS storage statements

[Disposal]:

No GHS disposal statements

3. Composition/information on ingredients

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 or Regulation (EC) No 1272/2008

Ingredient/Chemical Designations	Weight %	Notes
Distillates (petroleum), hydrotreated light naphthenic CAS Number: Proprietary	75 - 100	[1]
Zinc alkyldithiophosphate CAS Number: Proprietary	0.25 – <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.
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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.

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

This product contains the following ingredient with workplace exposure limits.

CAS No.	Ingredient	Source	Value
Proprietary	Distillates (petroleum), hydrotreated light naphthenic	OSHA	TWA: 5 mg/m ³
		ACGIH	No Established Limit
		NIOSH	TWA: 5 mg/m ³ 10 hours. Form: Mist STEL: 10 mg/m ³ 15 minutes. Form: Mist

Proprietary	Zinc alkyldithiophosphate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

Carcinogen Data

This product contains no ingredients (at greater than 0.1%) that are suspected of being or known to be a carcinogen under OSHA, NTP or IARC.

CAS No.	Ingredient	Source	Value
Proprietary	Distillates (petroleum), hydrotreated light naphthenic	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;
Proprietary	Zinc alkyldithiophosphate	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	Golden Liquid
Odor	Mild
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point (°C)	<-72 C (<-98 F)
Initial boiling point and boiling range (°C)	Not Measured
Flash Point	125 C (275 F)
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	0.8860
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)	25.0 @ 40 C 9.0 @ 100 C
VOC %	Not Measured

9.2. Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

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.

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
HI-TEK ULTRA HVI 26	>2,000.00	>2,000.00	>20.00	>5.00

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)	---	Not Applicable
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

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
DOT Hazard Class	Not Applicable
DOT Packing group	Not Applicable
DOT Label	None
IMDG Proper Shipping Name	Not Regulated
IMDG Hazard Class	Not Applicable
IMDG Packing Group	Not Applicable
IMDG	Marine Pollutant: no
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	Not Regulated
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): No 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 (>.1%) :

Zinc alkyldithiophosphate

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%):

Toluene

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

Toluene

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.

16. Other information

SDS Revision Date 06/26/2020

DISCLAIMER: This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents.

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