



Safety Data Sheet

Product identifier used on the label: DURAGARD® SYNTHETIC BLEND TO-4 SAE 10W30
Stock Number: DURTO-410/30
Revision Date: 06-10-2019
Replaces:

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

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Stock Number: DURTO-410/30
Other means of identification:
Synonyms: No data available
Recommended use of the chemical and restrictions on use:
Recommended use: Motor 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 Marion Road SE
Rochester, MN 55904
United States of America
www.advantagelubes.com
Phone number: +01 (800) 420-1414 +01 (507) 289-5555
E-mail address: info@advantagelubes.com
Emergency phone number: CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Repr. 1;H360 May damage fertility or the unborn child.

2.2. Label elements

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



Danger

H360 May damage fertility or the unborn child.

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[Prevention]:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

[Response]:

P308+313 IF exposed or concerned: Get medical advice / attention.

[Storage]:

P405 Store locked up.

[Disposal]:

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

3. Composition/information on ingredients

This product is labeled with the following GHS Classifications, as it contains substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. This product is a proprietary blend. In accordance with paragraph (i) of § 1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Ingredient/Chemical Designations	Weight %	Notes
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil-unspecified CAS Number: Proprietary	75 - 100	[1]
Phenol, sulfurized, calcium salts CAS Number: Proprietary	1.0 - 10	[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.

5. Fire-fighting measures

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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.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

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

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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 heavy paraffinic; Baseoil-unspecified	OSHA	TWA: 5 mg/m ³ 8 hours.
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary	Phenol, sulfurized, calcium salts	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 heavy paraffinic; Baseoil-unspecified	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	Phenol, sulfurized, calcium salts	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

Amber Liquid

Odor

Mild

Odor threshold

Not Measured

pH

Not Measured

Melting point / freezing point (°C)

Not Measured

Initial boiling point and boiling range (°C)

Not Measured

Flash Point

>93 C (200 F)

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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

0.859

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)

65.0 cSt @ 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.

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
Super Torque TO-4 All Season 10W-30	>2,000.00	>2,000.00	>20.00	>11.00

Item	Category	Hazard
Acute Toxicity (mouth)	---	Not Applicable
Acute Toxicity (skin)	---	Not Applicable

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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	1	May damage fertility or the unborn child.
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

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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 D2A

US EPA Tier II Hazards

Fire: No
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): No
Delayed (Chronic): Yes

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.

16. Other information

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

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