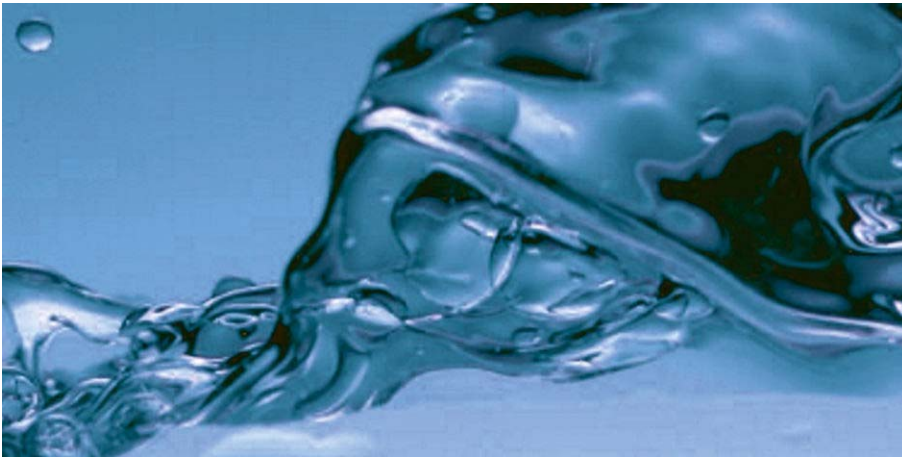


SAFETY DATA SHEET

DELTA LUBE 06
LUBE OIL



Issue date: 2022-FEB-03



AERZEN

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1 Section: Designation of the medium or mixture and the company

1.1 Product identifier

Product name	Delta Lube 06
Product code	340267

1.2 Relevant, identified uses of the medium or mixture and restrictions on uses

Use of the medium/mixture	Lube oil
Recommended limitations for use	Only for commercial users

1.3 Details of the supplier providing the safety data sheet

Address	Aerzen Canada Inc. 980 Valois, Suite 100 Vaudreuil-Dorion, QC J7V 8P2, Canada
Telephone	+1 450-424-3966
Fax	+1 450-424-3985
Email	canada@aerzen.com

National contact information:

Address	Aerzen Canada Inc. 980 Valois, Suite 100 Vaudreuil-Dorion, QC J7V 8P2, Canada
Telephone	+1 450-424-3966
Fax	+1 450-424-3985
Email	canada@aerzen.com

1.4 Emergency phone number

Emergency phone number: +49 (0) 69 305 6418 (24 hours a day)p



2 Section: Potential hazards

2.1 Classification of the medium mixture

OSHA Regulatory Status: This substance or mixture is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

WHMIS 2015 Regulation Status: This substance or mixture is not considered hazardous by the Canadian Hazardous Products Regulations (WHMIS 2015).

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

2.2 Labeling Elements

Signal Word: Not classified.

Hazards Statements: None.

2.3 Hazards not otherwise classified (HNOC)

Unknown accurate toxicity: 1.74% of the mixture consists of ingredient(s) of unknown toxicity.



3 Section: Composition / information on ingredients

Chemical characterization: The product contains no substances which at their given concentration are considered to be hazardous to health.

Components	CAS-No	Weight %	Trade Secret
1,2 Benzene dicarboxylic acid di-c9-c11 branched alkyd ester	68515-49-1	10-30%	*

* The exact percentage (concentration) of the composition has been withheld as a trade secret.



4 Section: First-aid measures

4.1 Description of first-aid measures

Following inhalation:

Bring the affected person outside for fresh air. If symptoms persist, seek medical attention. Keep person calm and warm. If breathing ceases, initiate artificial respiration.

Following skin contact:

Remove soiled clothing and wash before re-use. Wash off immediately with soap and water. If irritation occurs, seek medical attention

Following eye contact:

Immediately rinse eyes with plenty of water for a period of at least 15 minutes and be sure to also rinse under the eyelids. If eye irritation persists, consult a specialist or medical professional.

Following ingestion:

Drink 1 to 2 glasses of water.
Do NOT induce vomiting
Bring the affected person out into the fresh air.
Consult a medical professional.

4.2 Most important acute or delayed symptoms and effects

Symptoms:

No information available.

Risks:

None known.



5 Section: Firefighting measures

5.1 Extinguishing equipment

Suitable extinguishing equipment:

Water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide

Unsuitable extinguishing equipment:

High-volume water jet, as it may scatter and spread fire.

5.2 Particular hazards arising from the medium or mixture

Particular hazards for firefighting:

In case of fire, the following can be released: Carbon oxides.



6 Section: Measures in the event of unintentional release

6.1 Personal precautions, protective equipment, and emergency procedures

Personal precautions:

Contaminated surfaces will be slippery
Wear protective equipment
Move persons to a safe area
See protective measures under points 7 & 8

6.2 Environmental measures

Environmental measures:

Take all possible measures to prevent the medium from entering drains or watercourses. Prevent any additional discharge or spillage, insofar as it is safe to do so. If it is not possible to stem the spillage of larger quantities of the medium, notify the relevant local authorities.

6.3 Methods and material for retention and cleaning

Cleaning procedures:

Stem and absorb spillages using non-flammable, absorbent material (e.g. sand, soil, diatomaceous earth, vermiculite). For the purpose of disposal, and in accordance with local/national requirements, transfer the medium into chemical waste containers.

6.4 References to other sections

References to other sections:

Personal protective equipment: See Section 8.



7 Section: Handling and storage

7.1 Protective measures for safe handling

Notes on safe handling:

Personal protective equipment: See section 8
Do not eat, drink, or smoke in areas where the product is being used.
Clean hands and face before breaks and immediately after handling the product.

7.2 Conditions for safe storage taking into account incompatibilities

Requirements for storage areas and containers:

Store in original container.
Keep containers closed when they are not being used.
Store in a cool, dry, and well-ventilated area.
Carefully close open containers and store them upright to prevent any product from escaping.
Store the product in compliance with the special legal requirements of the country in question.
Store in correctly labeled containers.

7.3 Specific end applications

Specific end applications:

Observe the technical guidelines for the use of this medium/mixture



8 Section: Limiting the monitoring exposure / personal protective equipment

8.1 Parameters to be monitored

Parameters to be monitored:	Keep concentrations of the product in the air below the normal occupational exposure limit values. Contains mineral oil, vegetable oil, and/or synthetic oil. Under conditions which may generate mist, observe the OSHA PEL of 5mg/m ³ .
Engineering measures to reduce exposure:	Ensure adequate ventilation, especially in confined areas.

8.2 Limiting and monitoring exposure

Respiratory protection:	Not required; except for aerosol or mist formation. Filter type A-P.
Hand protection:	For longer or repeated periods of contact, use gloves. The breakthrough time is dependent on, among other things, the material, thickness, and design of the glove and must therefore be ascertained on a case-by-case basis. Nitrile rubber. Protection index class 1.
Eye protection:	Safety goggles with side shielding.
Protective measures:	The type of protective equipment must be chosen on the basis of the concentration and quantity of the hazardous substance in the work area. Choose body protection according to its type, the concentration and quantity of the hazardous substance and in accordance with the given workplace conditions.
Hygiene measures:	Avoid contact with skin, eyes, and clothing. After use, thoroughly wash face, hands, and all exposed areas of the skin.

9 Section: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Oil / Fluid
Color:	Blue
Odor:	Typical
Odor threshold:	No available data
pH value:	No available data
Melting point / melting range:	No available data
Boiling point / boiling range:	No available data
Flash point:	$\geq 240^{\circ}\text{C}$ / 464°F ; Cleveland open cup Method
Evaporation speed:	No available data
Inflammability (solid, gas):	No available data
Lower explosion limit:	No available data
Upper explosion limit:	No available data
Vapor pressure:	< 0.001 hPA, 20°C
Relative vapor density:	No available data
Density:	0.92 g/cm ³ , 20°C
Water solubility:	Insoluble
Solubility in other solvents:	No available data
Partition coefficient: n-octanol/water :	No available data
Spontaneous ignition temperature:	No available data
Ignition temperature:	No available data
Dynamic viscosity:	No available data
Kinematic viscosity:	53.2 mm ² /s, 40°C
Oxidizing properties:	No available data
Sublimation point:	No available data
Bulk density:	No available data



10 Section: Stability and reactivity

10.1 Reactivity

Reactivity: No hazards worthy of special mention.

10.2 Chemical stability

Chemical stability: No decomposition if stored and used as intended.

10.3 Potential for dangerous reactions

Hazardous reactions: No hazardous reaction known where the product is handled as intended.
Hazardous polymerization does not occur

10.4 Conditions to be avoided

Conditions to be avoided: No conditions worthy of special mention.

10.5 Incompatible materials

Substances to be avoided: No substances worthy of special mention

Hazardous decomposition products: Incomplete combustion may produce small amounts of carbon oxides.

10.6 Incompatible materials

Incompatible materials: Oxidizing agents.

11 Section: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity:	Product does not present an acute toxicity hazard based on known or supplied information
Acute inhalative toxicity:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Corrosive / irritant reaction to the skin:	Substance does not generally irritate and is only mildly irritating to the skin.
Serious eye damage / irritation:	May cause slight irritation.
In vitro genotoxicity:	No information available.
In vivo genotoxicity:	No information available.
Carcinogenicity:	No information available.
Reproductive toxicity:	No information available.
Teratogenicity:	No information available.
STOT - Toxicity with repeated application:	No information available.
Aspiration toxicity:	No information available.
Further information:	The available information is based on data derived from the components and toxicities of similar products.

Components	Oral LD50	Dermal LD50	Inhalation LC50
1,2 Benzene dicarboxylic acid di-c9-c11 branched alkyd ester	> 60000 mg/kg (Rat)	= 16000 mg/kg (Rabbit)	-

Unknown accurate toxicity: 1.74% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 61422mg/kg

12 Section: Environmental information

12.1 Ecotoxicity

Toxicity to the aquatic environment: No known hazards.

1.56% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

1,2 Benzene dicarboxylic acid di-c9-c11 branched alkyd ester	
Algae / aquatic plants	1.3: 96 h Pseudokirchneriella subcapitata mg/L EC50
Fish	0.55: 96 h Pimephales promelas mg/L LC50 static 1: 96 h Oncorhynchus mykiss mg/L LC50 static 1: 96 h Pimephales mg/L LC50 flow-through
Crustacea	0.18: 48 h Daphnia magna mg/L EC50

12.2 Persistence and degradability

Biodegradability: Readily biodegradable, according to appropriate OECD test (based on components).

12.3 Potential for bioaccumulation

Bioaccumulation: This mixture only contains substances that are not persistent, bioaccumulative or toxic (PBT).

12.4 Mobility on the ground

The product is insoluble and floats on water

Components	Partition coefficient
1,2 Benzene dicarboxylic acid di-c9-c11 branched alkyd ester	8.8



12.5 Results of PBT and vPvB assessments

Assessment:

This medium/mixture does not contain any components in concentrations of 0.1% or higher that are either persistent, bioaccumulative or toxic (PBT), or very persistent or very bioaccumulative (vPvB)

12.6 Other harmful effects

Other ecological information:

No ecological information currently available.



13 Section: Disposal instructions

13.1 Procedure for waste treatment

Product:

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Soiled packaging:

Empty containers may not be stored where there is due regard to local regulatory provisions. Do not reuse containers.



14 Section: Information on transport

DOT:	Not regulated.
IATA-DGR	Not regulated.
IMO / IMDG	Not regulated.



15 Section: Regulatory provisions

15.1 International Inventories

TSCA:	Listed in TSCA
DSL:	All the components of this product are listed in DSL
EINECS / ELINCS:	This product does not comply with EINECS / ELINCS
CHINA:	This product complies with China IECSC
KECL:	This product complies with Korea KECL
PICCS:	This product complies with Philippines PICCS
AICS:	All the components of this product are listed on the Australian AICS

15.2 Legend

TSCA:	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL :	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS / ELINCS :	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS:	Japan Existing and New Chemical Substances
IECSC:	China Inventory of Existing Chemical Substances
KECL:	Korean Existing and Evaluated Chemical Substances
PICCS:	Philippines Inventory of Chemicals and Chemical Substances
AICS:	Australian Inventory of Chemical Substances



15.3 U.S. Federal regulations

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 hazard categories:

Acute health hazard: No

Chronic health hazard: No

Fire hazard: No

Sudden release of pressure hazard: No

Reactive hazard: No

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

State regulations (RTK)

California Proposition 65: This product contains chemicals known to the state of California to cause birth defects or other reproductive harms.

Components	California Proposition 65 CRT List – Hazard Designation
1,2 Benzene dicarboxylic acid di-c9-c11 branched alkyd ester	Listed: April 20, 2007, Developmental Toxicity



U.S. State Right-to-Know regulations

Components	NJRTK	MARTK	PARTK
1,2 Benzene dicarboxylic acid di-c9-c11 branched alkyd ester	Not Listed	Not Listed	Listed

U.S. EPA Label Information

EPA Pesticide Registration Number: Not applicable



16 Section: Other Information

16.1 NFPA

Health:	1
Flammability:	1
Instability:	1
NFPA/HMIS for Carc, Muta, Tera, Specific Organ	1

HMIS health rating:

Health:	1
Flammability:	1
Physical hazards:	0
Personal protections:	B

Disclaimer:

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