



SAFETY DATA SHEET

DV LUBE 3000 / DEV-3000

Version: 1.0 Revision Date: 2017-12-11 Print Date: 2017-12-11

SDS Number: 200004

SECTION 1. IDENTIFICATION

Product Name: DV LUBE 3000
Part Number: DEV-3000

Supplier: DV Systems Inc.
490 Welham Road
Barrie, ON L4N 8Z4

Telephone: +1 705 728-5657

Emergency telephone: CHEMTREC (24 h) 1(800) 424-9300 (US)

Recommended Use: Compressor oil

SECTION 2. HAZARD IDENTIFICATION

Classification

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

WHMIS 2015 Regulatory Status: This chemical is not considered hazardous by the Canadian Hazardous Products Regulations (WHMIS 2015).

GHS Regulatory status: Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Precautionary Statements: None

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance: Oil

Physical State: Liquid

Odor: Mild

Eyes: None

Skin: None

Inhalation: None

Ingestion: None



SAFETY DATA SHEET

DV LUBE 3000 / DEV-3000

Version: 1.0 Revision Date: 2017-12-11 Print Date: 2017-12-11

SDS Number: 200004

Hazards not otherwise classified (HNOC)

Other Information: Harmful to aquatic life with long lasting

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name: DV LUBE 3000 / DEV-3000

Hazardous components: The product contains no substances which at their given concentration, are considered to be hazardous to health.

Components	CAS-No	Weight %	Trade Secret
1,2Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	10-20%	*

SECTION 4. FIRST-AID MEASURES

General advice: Not expected to be a health hazard when used under normal conditions.

Eye Contact: Flush eye with water for 15 minutes. If symptoms persist, call a physician.

Skin Contact: Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Consult a physician.

Ingestion: Drink 1 or 2 glasses of water. Do not induce vomiting. Consult a physician if necessary.

Most Important Symptoms and Effects, Acute and Delayed: No information available

Immediate Medical Attention and Special Treatment: No information available

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Carbon dioxide (CO₂). Dry chemical. Foam. Water spray.

Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.



SAFETY DATA SHEET

DV LUBE 3000 / DEV-3000

Version: 1.0 Revision Date: 2017-12-11 Print Date: 2017-12-11

SDS Number: 200004

**Specific Hazards
Arising from the
Product
Explosion Data**

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire, cool tanks with water spray.

**Sensitivity to
Mechanical Impact:**

None

**Sensitivity to Static
Discharge:**

None

**Special Protective
Equipment and
Precautions for Fire-
Fighters:**

Standard procedure for chemical fires. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions,
Protective
Equipment, and
Emergency
Procedures**

Use personal protective equipment. Contaminated surfaces will be extremely slippery.

**Environmental
precautions:**

Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

**Methods for
Containment and
Cleaning Up:**

Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

SECTION 7. HANDLING AND STORAGE

Handling:

Always replace cap after use. Spilling onto the container's outside will make container slippery. Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions:

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines:

Contains mineral oil, vegetable oil, and/or synthetic oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg/m³, ACGIH STEL of 10 mg/m³.

SAFETY DATA SHEET

DV LUBE 3000 / DEV-3000

Version: 1.0 Revision Date: 2017-12-11 Print Date: 2017-12-11

SDS Number: 200004

Engineering Measures to Reduce Exposure: Ensure adequate ventilation, especially in confined areas.

Individual Protection Measures, Such as Personal Protective Equipment

Respiratory Protection: Breathing apparatus needed only when aerosol or mist is formed.

Hand Protection: Impervious Gloves

Eye Protection: Safety Glasses

Skin and Body Protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect

General Hygiene Considerations: Avoid contact with skin, eyes and clothing

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Oil
Colour: Clear
Odour: Mild
Odour Threshold: No Information Available
pH: Not applicable

Initial Boiling Point and Boiling Range: > 315 °C / 600 °F
estimated value(s)

Flash Point: 251 °C / 485 °F
Method: Cleveland Open Cup

Evaporation Rate: No information available

Flammability (solid, gas): No information available

Upper Explosion Limit: No information available

Lower Explosion Limit: No information available

Vapour Pressure: No information available

Relative Vapour Density: No information available

Specific Gravity: <0.9

Solubility in Water: Insoluble

SAFETY DATA SHEET

DV LUBE 3000 / DEV-3000

Version: 1.0 Revision Date: 2017-12-11 Print Date: 2017-12-11

SDS Number: 200004

Solubility in Other Liquids: No information available

Partition Coefficient, n-Octanol / Water: No information available

Auto-ignition temp: No information available

Explosive properties: No information available

Decomposition Temperature: No information available

Conductivity: No information available

Viscosity kinematic: approx. 46.0 cSt @ 40°C

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not applicable

Chemical Stability: Stable under recommended storage conditions

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: No special storage conditions required.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: None reasonably foreseeable.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Product Information: Product does not present an acute toxicity hazard based on known or supplied information.

Eye Contact: May cause slight irritation.

Skin Contact: Substance does not generally irritate and is only mildly irritating to the skin.

Inhalation: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

SAFETY DATA SHEET

DV LUBE 3000 / DEV-3000

Version: 1.0 Revision Date: 2017-12-11 Print Date: 2017-12-11

SDS Number: 200004

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Components	Oral LD50	Dermal LD50	Inhalation LC50
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester - 68515-49-1	>60000 mg/kg (Rat)	=16000 mg/kg (Rabbit)	-

Delayed and Immediate effects as well as chronic effects from short and long-term exposure

Sensitization No sensitization responses were observed.

Mutagenic Effects: Did not show mutagenic or teratogenic effects in animal experiments.

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive Toxicity: This product does not contain any known or suspected reproductive hazards.

STOT (Specific Target Organ Toxicity) - Single Exposure: None under normal use conditions.

STOT (Specific Target Organ Toxicity) - Repeated Exposure: None under normal use conditions.

Aspiration Hazard: Not applicable.

Numerical Values of Toxicity- Product information

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

ATEmix (oral): 5916 mg/kg
ATEmix (dermal): 5847 mg/kg
ATEmix (inhalation-dust/mist): 1413 mg/L
ATEmix (Inhalation-vapour): 79279 mg/L

SECTION 12. ECOLOGICAL INFORMATION *(section heading must appear; all content is optional)*

Ecotoxicity: Harmful to aquatic life with long lasting effects. 0.2241% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester - 68515-49-1	
Algae/aquatic plants	1.3: 96 h Pseudokirchneriella subcapitata mg/L EC50
Fish	0.55: 96 h Lepomis macrochirus mg/L LC50 static 0.62: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.66: 96 h Pimephales promelas mg/L LC50 static 1: 96 h Oncorhynchus mykiss mg/L LC50 static 1: 96 h Pimephales promelas mg/L LC50 flow-through
Crustacea	0.18: 48 h Daphnia magna mg/L EC50

SAFETY DATA SHEET

DV LUBE 3000 / DEV-3000

Version: 1.0 Revision Date: 2017-12-11 Print Date: 2017-12-11

SDS Number: 200004

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Mobility: The product is insoluble and floats on water.

SECTION 13. DISPOSAL CONSIDERATIONS *(section heading must appear; all content is optional)*

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

Contaminated packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14. TRANSPORT INFORMATION *(section heading must appear; all content is optional)*

DOT: Not Regulated

TDG: Not Regulated

IATA-DGR: Not regulated

IMO/IMDG Not regulated

SECTION 15. REGULATORY INFORMATION *(section heading must appear; all content is optional)*

International Inventories

TSCA: Listed in TSCA

DSL: All of the components in this product are listed in DSL

EINECS/ELINCS: This product complies 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 constituents of this material are listed on the Australian AICS

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NSDL - 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



SAFETY DATA SHEET

DV LUBE 3000 / DEV-3000

Version: 1.0 Revision Date: 2017-12-11 Print Date: 2017-12-11

SDS Number: 200004

Canada HPR Statement

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

US 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 the 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: 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, as supplied, 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 does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Components	NJRTK	MARTK	PARTK
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester - 68515-49-1	Not Listed	Not Listed	Listed

U.S. EPA Label Information

EPA Pesticide Registration Number: Not Applicable

SECTION 16. OTHER INFORMATION

Nfpa:
Health: 1



SAFETY DATA SHEET

DV LUBE 3000 / DEV-3000

Version: 1.0 Revision Date: 2017-12-11 Print Date: 2017-12-11

SDS Number: 200004

Flammability: 1
Instability 0

NFPA/HMIS * for Carc, Muta, Tera, Specific Organ *

HMIS health rating:

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

Issue Date: 11-Dec-2017

Revision Date: 11-Dec-2017

Revision Note: Not applicable

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.