



SAFETY DATA SHEET  
Interior Biodegradable Degreaser – Product # LVS-376

**Section 1: PRODUCT AND COMPANY IDENTIFICATION**

**1.1 Product identifiers**

Product Name: Interior Biodegradable Degreaser

Product Number: **LVS-376**

**1.2 Relevant identified uses of the substance or mixture and uses advised against:**

Identified uses: Cleaner/ Degreaser

Uses advised against: No Information Available

**1.3 Details of the supplier of the safety data sheet**

Company: Aviation Cleaning Supply, Inc.  
1 Warren St.  
Johnstown, New York 12095  
www.aviationcleaningsupply.com

Manufacturer: Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624 USA

**Other means of identification**

Product Code: 118863

**1.4 Emergency telephone number**

Emergency Phone: INFOTRAC: 1-800-535-5053  
OUTSIDE U.S.: +1-352-323-3500

**Section 2: HAZARD IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29CFR 1910.1200).**

Skin corrosion/irritation	(Category 1)
Serious eye damage eye irritation	(Category 1)
Skin sensitization	(Category 1)
Carcinogenicity	(Category 1B)
Flammable liquids	(Category 3)
Corrosive to certain metals	(Category 1)

**2.2 GHS Label elements, including precautionary statements**

**Pictogram:**



**Signal Word:** DANGER



SAFETY DATA SHEET  
Interior Biodegradable Degreaser – Product # LVS-376

**Section 2: HAZARD IDENTIFICATION (continued)**

**Hazards Statement(s)**

Causes severe skin burns and eye damage.  
May be corrosive to certain metals.  
May cause cancer.  
Flammable liquid.  
May be corrosive to metals.

**Precautionary Statement(s) - Prevention**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash face, hands and any exposed skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves.  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Keep only in original container.

**Precautionary Statement(s) - Response**

Immediately call a POISON CENTER or doctor/physician.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Wash contaminated clothing before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Immediately call a POISON CENTER or doctor/physician.  
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.  
Absorb spillage to prevent material damage.

**Precautionary Statement(s) - Storage**

Store locked up.  
Store in a well ventilated place. Keep cool.  
Store in corrosive resistant container.

**Precautionary Statement(s) - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)**

No information available.

**Other Information**

Toxic to aquatic life with long lasting effects  
Toxic to aquatic life.

**Unknown Acute Toxicity** 8.8% of the mixture consists of ingredients(s) of unknown toxicity.



SAFETY DATA SHEET  
Interior Biodegradable Degreaser – Product # LVS-376

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

**Hazardous components:**

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
Diethylene glycol butyl ether	112-34-5	1-10	*
d- Limonene	5989-27-5	1-5	*

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

**Section 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

**General advice:**

Immediately call a POISON CENTER or doctor/physician.

**IF INHALED:**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**IF ON SKIN (or hair):**

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

**IF IN EYES:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**IF SWALLOWED:**

Rinse mouth. NO NOT induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms:** No information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

**Note to physicians:** Treat symptomatically.

**Section 5: FIREFIGHTING MEASURES**

**5.1 Suitable extinguishing media**

Water fog, carbon dioxide, foam, dry chemical.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.



SAFETY DATA SHEET  
Interior Biodegradable Degreaser – Product # LVS-376

**Section 5: FIREFIGHTING MEASURES (continued)**

**5.2 Special hazards arising from the substance or mixture**

No information available.

**5.3 Protective equipment and precautions for firefighters**

Cool exposed containers with water spray. 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**

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear adequate personal protective equipment, see Section 8, Exposure Controls/ Personal Protection.

**6.2 Environmental precautions**

Keep out of drains, sewers, streams, or other bodies of water. See Section 12 for additional ecological information.

**6.3 Methods and materials for containment and cleaning up**

Prevent further leakage or spillage if safe to do so. Dike to contain. Pick up with absorbent material. Put in suitable container for disposal.

**Section 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use only in well-ventilated areas.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep/store only in original container.

**Incompatible materials**

Avoid contact with: Acids. Strong alkalis. Strong oxidants, such as nitric acid, or hypochlorite.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Exposure guidelines:**

PRODUCT COMPOSITION CAS#	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethylene glycol butyl ether 112-34-5	TWA: 10 ppm Inhalable and vapor	NA	



SAFETY DATA SHEET  
Interior Biodegradable Degreaser – Product # LVS-376

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

**8.2 Engineering Controls**

**Appropriate engineering controls**

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Showers. Eyewash stations.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Safety glasses are recommended to minimize eye contact.

**Skin and body protection**

Chemical resistant gloves are recommended to minimize skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

**RESPIRATORY PROTECTION** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

<b>Physical state:</b>	Liquid		
<b>Appearance:</b>	Clear, orange liquid.	<b>Odor:</b>	Orange
<b>Color:</b>	Orange	<b>Odor Threshold:</b>	No information available

<u>Property</u>	<u>Values</u>
<b>pH:</b>	12.5
<b>Melting point/freezing point:</b>	No Information Available
<b>Boiling point/ boiling range:</b>	100 °C / 212 °F
<b>Flash point:</b>	54 °C / 129 °F
<b>Evaporation rate:</b>	No Information Available
<b>Flammability (solid, gas):</b>	No Information Available
<b>Flammability limit in air</b>	
<b>Upper flammability limit:</b>	No Information Available
<b>Lower flammability limit:</b>	No Information Available
<b>Vapor pressure:</b>	No Information Available
<b>Vapor density:</b>	No Information Available
<b>Specific gravity:</b>	1.02 – 1.03
<b>Water solubility:</b>	No Information Available
<b>Solubility in other solvents:</b>	No Information Available
<b>Partition coefficient:</b>	No Information Available
<b>Auto ignition temperature:</b>	No Information Available
<b>Decomposition temperature:</b>	No Information Available
<b>Kinematic viscosity:</b>	No Information Available
<b>Dynamic viscosity:</b>	No Information Available



SAFETY DATA SHEET  
Interior Biodegradable Degreaser – Product # LVS-376

**Explosive properties:** No Information Available

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

**Oxidizing properties:** No Information Available

**9.2 Other Information**

**Softening point:** No Information available

**VOC (EPA METH.24) (G/L):** 41

**Density:** 8.53 lbs./ gal

**Bulk density:** No Information available

**Section 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

No data available.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reaction**

None under normal processing.

**10.4 Conditions to avoid**

Avoid sources of ignition. Extremes of temperature and direct sunlight.

**10.5 Incompatible materials**

Acids. Strong oxidents, such as nitric acid, or hypochlorites.

**10.6 Hazardous decomposition products**

Incomplete combustion produces: Fumes, smoke, carbon dioxide (CO<sub>2</sub>), and carbon monoxide.

**Section 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Product information** Causes severe skin burn and eye damage.

**Inhalation** Causes burns.

**Eye contact** Corrosive to the eyes and may cause severe damage including blindness.

**Skin contact** Causes mild skin irritation. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Causes burns.

**Ingestion** Causes burns.



**SAFETY DATA SHEET**  
Interior Biodegradable Degreaser – Product # LVS-376

**Section 11: TOXICOLOGICAL INFORMATION**

PRODUCT COMPOSITION CAS#	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene glycol butyl ether 112-34-5	= 3384 mg/kg ( Rat )	2700 mg/kg ( Rabbit )	-
d-Limonene 5989-27-5	= 4400 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-

**Symptoms** No Information Available.

Delayed and immediate effects as well as chronic effects from short and long term exposure

**Sensitization** May cause sensitization by skin contact.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** May cause cancer.

PRODUCT COMPOSITION CAS #	ACGIH	IARC	NTP	OSHA
d-Limonene 5989-27-5	-	Group 2A Group 3	-	x

**Reproductive Toxicity** No Information Available.

**STOT – Single exposure** No Information Available.

**STOT – Repeated exposure** No Information Available.

**Aspiration hazard** No Information Available.

Numerical measures of toxicity – Product Information

**Unknown Acute Toxicity** 8.8% 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 (oral)** 18320 mg/kg  
**ATEmix (dermal)** 31186 mg/kg



**SAFETY DATA SHEET**  
Interior Biodegradable Degreaser – Product # LVS-376

**Section 12: ECOLOGICAL INFORMATION**

**12.1 Ecotoxicity**

11.1% of the mixture consists of component(s) of unknown hazards to the aquatic environment

<b>PRODUCT COMPOSITION CAS#</b>	<b>Algae/aquatic plants</b>	<b>Fish</b>	<b>Crustacea</b>
Diethylene glycol butyl ether 112-34-5	100:96 h Desmodesmus subspicatus Mg/l EC50	1300: 96 h Lepomis macrochirus mg/L LC50 static	100: 48 h Daphnia magna mg/L EC50
d-Limonene 5989-27-5	-	0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	-

**12.2 Persistence and degradability**

No Information Available.

**12.3 Bioaccumulative potential**

No information available

**12.4 Other adverse effects**

No information available.

**Section 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment method**

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

**Contaminated packaging** Do not reuse container.

**Section 14: TRANSPORTATION INFORMATION**

**UN/ID No.** 1993  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (D-Limonene, glycol ethers)  
**Hazard Class:** 3  
**Packing Group:** III  
**Description:** 5 Liters (1.3 Gallons) and less may be classed as LTD. QTY.

**Section 15: REGULATORY INFORMATION**

**15.1 International Inventories**

**TSCA:** Complies  
**DSL/NDSL:** Complies  
**EINECS/ELINCS:** Does not comply





**SAFETY DATA SHEET**  
Interior Biodegradable Degreaser – Product # LVS-376

**ENCS:** Does not comply

<b>Section 15: REGULATORY INFORMATION (continued)</b>
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**IECSC:** Complies  
**KECL:** Does not comply  
**PICCS:** Complies  
**AICS:** Complies

**15.2 Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - 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 US Federal Regulations**

**SARA 313 Components**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

PRODUCT COMPOSITION CAS #	SARA 313 - Threshold Values %
Diethylene glycol butyl ether- 112-34-5	1.0

**SARA 311/312 Hazard Categories**

<b>ACUTE HEALTH HAZARD</b>	YES
<b>CHRONIC HEALTH HAZARD</b>	YES
<b>FIRE HAZARD</b>	YES
<b>Sudden release of pressure hazard</b>	NO
<b>REACTIVE HAZARD</b>	YES

**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.

**15.3 U.S. State Regulations**

**California Proposition 65 Components:**

This product does not contain any Proposition 65 chemicals.



SAFETY DATA SHEET  
Interior Biodegradable Degreaser – Product # LVS-376

**Section 15: REGULATORY INFORMATION (continued)**

**15.4 U.S. State Right-to-Know Regulations**

PRODUCT COMPOSITION CAS#	NJRTK	MARTK:	PARTK:
Diethylene glycol butyl ether 112-34-5	-	-	Listed

**U.S. EPA Label Information**

**EPA Pesticide Registration Number:** Not applicable.

**Section 16: OTHER INFORMATION**

**NFPA**

**Health Hazards**        1  
**Flammability**         2  
**Instability**            0

**HMIS**

**Health Hazards**        1  
**Flammability**         2  
**Physical Hazards**     0  
**Personal Protection**   B

**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 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.

**Preparation Information:**

Aviation Cleaning Supply  
1 Warren St.  
Johnstown, New York 12095

Revision Date: 06/01/2015

***-END OF SDS-***