SAFETY DATA SHEETS

This SDS packet was issued with item:

078928599

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078928597 078928600

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 06.01.2015

Revision date: 10.12.2022

Fly Zap® Aerosol Insecticide

SECTION 1: Identification

Product Identifier

Product Name: Fly Zap® Aerosol Insecticide

Product code: 21270933

Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Insecticide

Uses Advised Against: Any use other than recommended above.

Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Supplier:

United States

Aspen Veterinary Resources Ltd
3155 W. Heartland Drive
Liberty, MO 64068
1-800-792-1238

Emergency Telephone Number:

United States

CHEMTREC
Within USA and Canada: 1-800-424-9300 (24 hours)
Outside USA and Canada: +1-703-527-3887 (24 hours)

SECTION 2: Hazard(s) Identification

GHS Classification:

Flammable aerosols, category 1
Skin irritation, category 2
Eye irritation, category 2A
Specific target organ toxicity - single exposure, category 3, narcotic effects

Label elements

Hazard Pictograms:

Signal Word: Danger

Hazard statements:

H222 Extremely flammable aerosol
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness
H315 Causes skin irritation

Precautionary Statements:

P102 Keep out of reach of children
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 Do not spray on an open flame or other ignition source
P251 Pressurized container: Do not pierce or burn, even after use
P264 Wash any exposed skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P271 Use only outdoors or in a well-ventilated area
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P332+P313 If skin irritation occurs: Get medical advice/attention
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 If eye irritation persists: Get medical advice/attention
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label)
P362 Take off contaminated clothing and wash it before reuse
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P403+P233 Store in a well-ventilated place. Keep container tightly closed
P405 Store locked up
P501 Dispose of contents and container in accordance with federal, state and local regulations

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 115-10-6	Dimethyl ether	40-50
CAS Number: 67-63-0	Propan-2-ol	10-20
CAS Number: 51-03-6	2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	1-10
CAS Number: 75-37-6	1,1-difluoroethane	0.5-1
CAS Number: 8003-34-7	Pyrethrins	<0.5
CAS Number: 111-42-2	2,2'-iminodiethanol	<0.1

Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Show this Safety Data Sheet to the doctor in attendance.

After Inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After Eye Contact:

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

After Swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Pressurized containers are prone to bursting if mishandled and causing physical injury.

Skin contact may result in redness, pain, burning and inflammation.

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.

Inhalation may have adverse effects on the central nervous system. Symptoms may include drowsiness, dizziness, headache, nausea and lowering of consciousness. Acute overexposure via inhalation may result in respiratory distress, confusion and unconsciousness.

Delayed Symptoms and Effects:

No significant delayed effects/symptoms.

Immediate Medical Attention and Special Treatment

Specific Treatment:

Overexposure via inhalation requires urgent medical treatment.

Notes for the Doctor:

Treat symptomatically.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire-Fighting:

Flammable liquid under pressure. Containers may explode when heated. Ruptured cylinders pose a projectile hazard. Vapor/gas is often heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas and travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create a fire or explosion hazard. Thermal decomposition may produce

irritating/toxic fumes/gases.

Special Protective Equipment for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode. Use shielding to protect against bursting containers.

Special precautions:

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 800 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Move containers from fire area if safe to do so. Fight fire from a maximum distance. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Avoid breathing dust, mist, fumes, vapors or spray. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only non-sparking tools. Do not puncture, pressurize or incinerate. Inspect all cylinders and valves for damage. Make sure cylinders are not giving off an odor or making a hissing sound. Never open a damaged valve. Never tamper with safety devices in cylinders, valves or equipment. Handle containers with caution. Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Store upright. Keep away from food and beverages. Store away from children and pets. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Containers less than 230 liters should be kept in a fire-resistant storage cabinet or inside storage room rated for fire resistance. Do not store near exits or oxygen cylinders. Consider the use of leak detection and alarm equipment. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
WEEL	Dimethyl ether	115-10-6	8-Hour TWA: 1880 mg/m³ (1000 ppm)
	1,1-difluoroethane	75-37-6	8-Hour TWA: 2700 mg/m³ (1000 ppm)
ACGIH	Propan-2-ol	67-63-0	15-Minute STEL: 400 ppm
	Propan-2-ol	67-63-0	8-Hour TWA: 200 ppm
	Pyrethrins	8003-34-7	8-Hour TWA: 5 mg/m³
	2,2'-iminodiethanol	111-42-2	8-Hour TWA: 1 mg/m³ (inhalable fraction and vapor])
NIOSH	Propan-2-ol	67-63-0	IDLH: 2000 ppm
	Propan-2-ol	67-63-0	15-Minute STEL: 500 ppm (1,225 mg/m³)
	Propan-2-ol	67-63-0	REL-TWA: 400 ppm (980 mg/m³ - up to 10 hrs.)
	Pyrethrins	8003-34-7	IDLH: 5000 mg/m³
	Pyrethrins	8003-34-7	REL-TWA: 5 mg/m³ (up to 10 hr)
	2,2'-iminodiethanol	111-42-2	REL-TWA: 15 mg/m³ (3 ppm [up to 10 hr])
OSHA	Propan-2-ol	67-63-0	8-Hour TWA-PEL: 980 mg/m³ (400 ppm)
	Pyrethrins	8003-34-7	8-Hour TWA-PEL: 5 mg/m³
United States(California)	Propan-2-ol	67-63-0	8-Hour TWA-PEL: 980 mg/m³ (400 ppm)
	Pyrethrins	8003-34-7	8-Hour TWA-PEL: 5 mg/m³
	2,2'-iminodiethanol	111-42-2	8-Hour TWA-PEL: 2 mg/m³ (0.46 ppm)
	2,2'-iminodiethanol	111-42-2	REL: 3 ug/m³ (chronic inhalation)

Biological Limit Values:

Country (Legal Basis)	Substance	Identifier	Determinant	Specimen	Sampling time	Permissible limits
ACGIH	Propan-2-ol	67-63-0	Acetone	Urine	EOS/EOW	40 mg/L

Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection Equipment

Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Appearance	Clear Aerosol
Odor	Characteristic
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	0.9239
Solubilities	Slightly soluble in water
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

SECTION 10: Stability and Reactivity

Reactivity:
Not reactive under recommended handling and storage conditions.

Chemical Stability:
Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:
Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to Avoid:
Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Incompatible Materials:
Strong oxidizing agents; Combustible materials
Contact with combustible material may cause fire.

Hazardous Decomposition Products:
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Route	Result
Dimethyl ether	inhalation	LC50 Rat: > 20,000 mg/L (4 hr [gas])
Propan-2-ol	oral	LD50 Rat: 5840 mg/kg
	dermal	LD50 Rabbit: 12,800 mg/kg
	inhalation	LC50 Rat: 72.6 mg/L (4 hr - Vapor)
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	oral	LD50 Rat: 6150 mg/kg
	dermal	LD50 Rabbit: >2000 mg/kg
	inhalation	LC50 Rat: >5.2 mg/L (4 hr - Aerosol)
Pyrethrins	oral	LD50 Rat: 584 mg/kg
	dermal	LD50 Rat: >1500 mg/kg
	inhalation	LC50 Rat: 3.4 mg/L (4 hr - Dust/mist)
1,1-difluoroethane	inhalation	LC50 Rat: >43.75 ppmV (4 hr - Gas)
2,2'-iminodiethanol	oral	LD50 Rat: 710 mg/kg

Skin Corrosion/Irritation

Assessment:
Causes skin irritation.

Product Data:
No data available.

Substance Data:

Name	Result
2,2'-iminodiethanol	Causes skin irritation.

Serious Eye Damage/Irritation

Assessment:
Causes serious eye irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Propan-2-ol	Causes serious eye irritation.
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	Causes serious eye irritation.
2,2'-iminodiethanol	Causes serious eye damage.

Respiratory or Skin Sensitization

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Species	Result
2,2'-iminodiethanol		There is inadequate evidence in humans for the carcinogenicity of this substance. Cancer in experimental animals: There is sufficient evidence in experimental animals for the carcinogenicity of this substance.

International Agency for Research on Cancer (IARC):

Name	Classification
Propan-2-ol	Group 3
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	Group 3
2,2'-iminodiethanol	Group 2B

National Toxicology Program (NTP): None of the ingredients are listed.

OSHA Carcinogens: Not applicable

Germ Cell Mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Reproductive Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Single Exposure)

Assessment:

May cause drowsiness or dizziness.

Product Data:

No data available.

Substance Data:

Name	Result
Propan-2-ol	May cause drowsiness or dizziness.
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

Name	Result
2,2'-iminodiethanol	May cause damage to the nervous system, liver, blood and kidney through prolonged or repeated exposure.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Information on Likely Routes of Exposure:

Inhalation; Skin contact; Eye contact

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

Refer to Section 4 of this SDS.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Dimethyl ether	Fish LC50 Poecilia reticulata: > 4.1 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: > 4.4 mg/L (48 hr)
	Aquatic Plants EC50 Green algae: 154.917 mg/L (96 hr, QSAR)
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	Aquatic Invertebrates EC50 Daphnia magna: 0.51 mg/L (48 hr)
	Aquatic Plants EC50 Algae: 1.69 mg/L (72 hr [growth rate])
	Fish LC50 Oncorhynchus mykiss: 6.12 mg/L (96 hr)
1,1-difluoroethane	Fish LC50 Freshwater Fish: 719.611 mg/L (96 hr [QSAR])
	Aquatic Invertebrates LC50 Daphnia: 346.06 mg/L (48 hr [QSAR])
	Aquatic Plants EC50 Green algae: 168.276 mg/L (96 hr [QSAR])
Pyrethrins	Fish LC50 Lepomis macrochirus: 0.041 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 0.025 mg/L (48 hr)

Name	Result
2,2'-iminodiethanol	Fish LC50 Oncorhynchus mykiss: 460 mg/L (96 hr)
	Aquatic Invertebrates EC50 Ceriodaphnia dubia: 30.1 mg/L (48 hr)
	Aquatic Plants EC50 Pseudokirchneriella subcapitata: 9.5 mg/L (72 hr)

Chronic (Long-Term) Toxicity

Assessment:

Toxic to aquatic life with long lasting effects.

Product Data: No data available.

Substance Data:

Name	Result
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	Fish NOEC Pimephales promelas: 0.18 mg/L (35 d)
	Aquatic Invertebrates EC50 Daphnia magna: 0.65 mg/L (21 d)
2,2'-iminodiethanol	Aquatic Invertebrates NOEC Daphnia magna: 0.78 mg/L (21 d)

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
Dimethyl ether	This substance is not readily biodegradable in water (5% degradation after 28 days, O2 consumption).
Propan-2-ol	Readily biodegradable in water.
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	The substance is not readily biodegradable. 4% degradation, measured by O2 consumption, after 28 days.
1,1-difluoroethane	The substance is not readily biodegradable based on the stability of carbon-fluorine bonds and very low mineralization in studies with structurally related HFCs.
2,2'-iminodiethanol	The substance is readily biodegradable (93% degradation [O2 consumption] in 28 days).

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Dimethyl ether	Accumulation in organisms is not to be expected (BCF: 1.71).
Propan-2-ol	Not expected to bioaccumulate (log Kow: 0.05).
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	The substance has a low potential for bioaccumulation. BCF: >= 91 - <= 380 dimensionless
1,1-difluoroethane	Bioaccumulation is not expected based on a log Pow of <3 and estimated BCF of 3.
2,2'-iminodiethanol	The substance is not expected to bioaccumulate (Log kow: -2.46; calculated BCF: 9.16 L/kg).

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Dimethyl ether	This substance is highly mobile; therefore, adsorption to soil is not expected (Koc: 7.759).

Name	Result
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	The substance is slightly mobile in soil with a high potential for adsorption to soil and sedminet. KOC: 2506.5 L/kg [Arithmetic mean]
1,1-difluoroethane	Under environmentally relevant conditions, the test substance is a gas and has a high vapour pressure and Henry's Law constant and a low potential for sorption to soil and sediment.
2,2'-iminodiethanol	Substance is expected to be highly mobile (calculated log Koc: 0.99); therefore, adsorption to soil is not expected.

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.
vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

Dimethyl ether	This substance is not PBT.
Propan-2-ol	This substance is not PBT.
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	The substance is not PBT.
1,1-difluoroethane	This substance is not PBT.
2,2'-iminodiethanol	The substance is not PBT.

vPvB assessment:

Dimethyl ether	This substance is not vPvB.
Propan-2-ol	This substance is not vPvB.
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	The substance is not vPvB.
1,1-difluoroethane	This subtance is not vPvB.
2,2'-iminodiethanol	The substance is not vPvB.

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory agencies. Dispose of in accordance with all applicable local, regional, state and federal regulations.

Contaminated packages:

Not determined or not applicable.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	1950
UN Proper Shipping Name	Aerosols, flammable, (each not exceeding 1 L capacity)
UN Transport Hazard Class(es)	2.1 
Packing Group	None

Environmental Hazards	None
Special Precautions for User	None
Excepted Quantities	E0
Passenger Air/Rail	75 kg
Cargo Aircraft Only	150 kg
Stowage Category	A

International Maritime Dangerous Goods (IMDG)

UN Number	1950
UN Proper Shipping Name	Aerosols, flammable
UN Transport Hazard Class(es)	2.1 
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None
Stowage Category	A
Excepted Quantities	E0
Limited Quantity	1 L

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	1950
UN Proper Shipping Name	Aerosols, flammable
UN Transport Hazard Class(es)	2.1 
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None
ERG Code	10L
Excepted Quantities	E0
Passenger and Cargo	75 kg
Cargo Aircraft Only	150 kg
Limited Quantity	30 kg

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA): All ingredients are listed-active or exempt.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals:

67-63-0	Propan-2-ol	Listed

51-03-6	2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	Listed
111-42-2	2,2'-iminodiethanol	Listed

CERCLA:

115-10-6	Dimethyl ether	Listed	100 lbs
8003-34-7	Pyrethrins	Listed	1 lb
111-42-2	2,2'-iminodiethanol	Listed	100 lb

RCRA:

115-10-6	Dimethyl ether	Listed	D001

Section 112(r) of the Clean Air Act (CAA):

115-10-6	Dimethyl ether	Listed
75-37-6	1,1-difluoroethane	Listed

Massachusetts Right to Know:

115-10-6	Dimethyl ether	Listed
67-63-0	Propan-2-ol	Listed
8003-34-7	Pyrethrins	Listed
75-37-6	1,1-difluoroethane	Listed
111-42-2	2,2'-iminodiethanol	Listed

New Jersey Right to Know:

115-10-6	Dimethyl ether	Listed
67-63-0	Propan-2-ol	Listed
51-03-6	2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	Listed
8003-34-7	Pyrethrins	Listed
75-37-6	1,1-difluoroethane	Listed
111-42-2	2,2'-iminodiethanol	Listed

New York Right to Know:

115-10-6	Dimethyl ether	Listed
67-63-0	Propan-2-ol	Listed
8003-34-7	Pyrethrins	Listed
75-37-6	1,1-difluoroethane	Listed
111-42-2	2,2'-iminodiethanol	Listed

Pennsylvania Right to Know:

115-10-6	Dimethyl ether	Listed
67-63-0	Propan-2-ol	Listed
8003-34-7	Pyrethrins	Listed
111-42-2	2,2'-iminodiethanol	Listed

California Proposition 65:

⚠**WARNING:** This product can expose you to 2,2'-iminodiethanol; which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

Initial Preparation Date: 06.01.2015
Revision date: 10.12.2022

End of Safety Data Sheet