

# Material Safety Data Sheet

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Revision Number 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Snow-Jet Non-Stick Spray

**Recommended Use** Propellant.

**Supplier Address**

Ariens Company  
655 W Ryan Street  
Brillion  
WI  
54110  
US  
Phone:920-242-4695  
Contact:Jeralyn Braun  
Email:jbraun@ariens.com  
Contact Phone1-920-756-4339

## 2. HAZARDS IDENTIFICATION

**DANGER!**

### Emergency Overview

Flammable Aerosol  
Harmful by inhalation  
May cause eye irritation  
May cause central nervous system depression  
Contents under pressure

**Appearance** Clear

**Physical State** Gas only, Aerosol.

**Odor** Faint

**Potential Health Effects**

**Principle Routes of Exposure**

Eye contact. Skin contact.

**Acute Toxicity**

**Eyes**

May cause irritation.

**Skin**

Repeated exposure may cause skin dryness or cracking.

**Inhalation**

May be harmful if inhaled.

**Ingestion**

Not an expected route of exposure. No known effect based on information supplied.

**Chronic Effects**

No known effect based on information supplied.

**Aggravated Medical Conditions**

Central nervous system. Respiratory disorders.

**Interactions with Other Chemicals**

Use of alcoholic beverages may enhance toxic effects.

**Environmental Hazard**

See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Petroleum distillates, hydrotreated light	64742-47-8	60-100
Naphtha (petroleum), heavy alkylate	64741-65-7	40-70
Poly(dimethylsiloxane)	63148-62-9	15-40
Carbon Dioxide	124-38-9	5-10

### 4. FIRST AID MEASURES

<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash skin with soap and water. Remove and wash contaminated clothing before re-use. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. If symptoms persist, call a physician.
<b>Inhalation</b>	Move victim to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
<b>Notes to Physician</b>	Treat symptomatically.
<b>Protection of First-aiders</b>	Remove all sources of ignition. Avoid contact with skin, eyes and clothing.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Flammable.
<b>Flash Point</b>	Not applicable.
<b>Suitable Extinguishing Media</b>	Use: Water spray. Dry powder. Dry chemical. Carbon dioxide (CO <sub>2</sub> ).
<b>Uniform Fire Code</b>	<ul style="list-style-type: none"> <li>Aerosols: Level I</li> </ul>
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	No.
<b>Specific Hazards Arising from the Chemical</b>	Flammable/toxic gases may accumulate in confined areas (basements, tanks, hopper/tank cars etc.) Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may travel to source of ignition and flash back.
<b>Sensitivity to Static Discharge</b>	No.
<b>Protective Equipment and Precautions for Firefighters</b>	
DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
<b>NFPA</b>	<b>Health Hazard 1      Flammability 4      Stability 0      Physical and Chemical Hazards N/A</b>

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Do not touch or walk through spilled material. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges.
<b>Environmental Precautions</b>	Refer to protective measures listed in Sections 7 and 8.
<b>Methods for Containment</b>	A vapor suppressing foam may be used to reduce vapors.
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.
<b>Other Information</b>	Ventilate the area.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from open flames, hot surfaces and sources of ignition. Contents under pressure. Do not puncture or incinerate cans. Avoid contact with skin, eyes and clothing. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment.
<b>Storage</b>	Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Keep away from heat and sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydrotreated light 64742-47-8	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> (as oil mist)	TWA: 5 mg/m <sup>3</sup> (as oil mist)	
Carbon Dioxide 124-38-9	STEL = 30000 ppm TWA: 5000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> (vacated) TWA: 10000 ppm (vacated) TWA: 18000 mg/m <sup>3</sup> (vacated) STEL: 30000 ppm (vacated) STEL: 54000 mg/m <sup>3</sup>	IDLH: 40000 ppm TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

<b>Other Exposure Guidelines</b>	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
<b>Engineering Measures</b>	None under normal use conditions.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	No special protective equipment required.
<b>Skin and Body Protection</b>	No special protective equipment required.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear.	<b>Odor</b>	Faint.
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Gas only Aerosol
<b>pH</b>	UNKNOWN		
<b>Flash Point</b>	Not applicable.	<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available	<b>Boiling Point/Range</b>	No information available
<b>Melting Point/Range</b>	No information available		
<b>Flammability Limits in Air</b>	No information available	<b>Explosion Limits</b>	No information available
<b>Water Solubility</b>	Completely soluble	<b>Solubility</b>	No information available
<b>Evaporation Rate</b>	No information available	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available	<b>Partition Coefficient: n-octanol/water</b>	

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions.
<b>Incompatible Products</b>	Strong oxidizing agents.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces and sources of ignition.
<b>Hazardous Decomposition Products</b>	Carbon oxides.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information** No acute toxicity information is available for this product.

### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Naphtha (petroleum), heavy alkylate	> 7000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit ) > 3000 mg/kg ( Rat )	> 5.04 mg/L ( Rat ) 4 h
Petroleum distillates, hydrotreated light	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h

### Chronic Toxicity

**Chronic Toxicity** No known effect based on information supplied.

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

**Target Organ Effects** Central nervous system (CNS). Respiratory system.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Petroleum distillates, hydrotreated light		LC50: 45 mg/L (96 h flow-through) Pimephales promelas LC50: 2.4 mg/L (96 h static) Oncorhynchus mykiss LC50: 2.2 mg/L (96 h static) Lepomis macrochirus		LC50: 4720 mg/L (96 h ) Dendronereides heteropoda
Naphtha (petroleum), heavy alkylate	EC50: 30000 mg/L (72 h ) Pseudokirchneriella subcapitata			LC50: 2 mg/L (48 h ) Mysidopsis bahia

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
<b>Contaminated Packaging</b>	Dispose of in accordance with local regulations.
<b>US EPA Waste Number</b>	D001
<b>California Hazardous Waste Codes</b>	331

## 14. TRANSPORT INFORMATION

<b>Emergency Response Guide Number</b>	126
<b>DOT Description</b>	CONSUMER COMMODITY, ORM-D
<b>TDG Description</b>	UN1950,AEROSOLS,2.1
<b>MEX Description</b>	UN1950 Aerosols,2.1
<b>ICAO Description</b>	1950,Aerosols,2.1
<b>IATA Description</b>	UN1950,Aerosols, flammable,2.1
<b>IMDG/IMO Description</b>	1950, Aerosols,2.1

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Complies  
DSL Not determined

### U.S. Federal Regulations

#### **SARA 313**

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:

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	Yes
<b>Reactive Hazard</b>	No

#### **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).

#### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

#### **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.

### U.S. State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
L.P.G. (liquified petroleum gas)	X	X	X		
Petroleum distillates	X	X	X		

### International Regulations

#### **Mexico - Grade**

Minimum risk, Grade 0

Chemical Name	Carcinogen Status	Exposure Limits
L.P.G. (liquified petroleum gas)		Mexico: TWA 1000 ppm Mexico: TWA 1800 mg/m <sup>3</sup> Mexico: STEL 1250 ppm Mexico: STEL 2250 mg/m <sup>3</sup>
Petroleum distillates		Mexico: TWA 1000 ppm Mexico: TWA 1800 mg/m <sup>3</sup> Mexico: STEL 1250 ppm Mexico: STEL 2250 mg/m <sup>3</sup>

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**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

A Compressed gases  
B5 Flammable aerosol

**Legend**

NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION**

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Revision Date** 15-Aug-2013

**Revision Note** No information available

**General 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

**End of Safety Data Sheet**