

# SAFETY DATA SHEET



## Suspend Contact & Residual Aerosol

Version:  
1.0

Revision Date:  
15-Jan-2021

Date of Issue:  
27-Jun-2024

### SECTION 1: Identification

Product name : Suspend Contact & Residual Aerosol  
Product code : Article/SKU: D00000628 / D00000629  
UVP: DU00000018  
Specification: 102D00000183  
EPA REG Number: 1021-2716-101563

#### Manufacturer or supplier's details

Company name of supplier : Environmental Science U.S. LLC.  
Address : 5000 CentreGreen Way, Suite 400  
Cary NC 27513  
Telephone : 1-800-331-2867  
Emergency telephone : 24 Hour Transportation Emergency:  
CHEMTREC®: (800) 424-9300  
24 Hour Medical Emergency:  
SafetyCall®: (888) 740-8712, or (952) 852-9509  
E-mail address : uscontact@envu.com

#### Recommended use of the chemical and restrictions on use

Recommended use : Not applicable  
Restrictions on use : Not applicable

### SECTION 2: Hazards identification

#### Classification:

#### **OSHA Regulatory Status:**

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

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin sensitization	Category 1
Aspiration toxicity	Category 1
Flammable aerosol	Category 2

#### Label elements

#### Emergency Overview

**DANGER**

#### **Hazard statements**

- H304 - May be fatal if swallowed and enters airways
- H332 - Harmful if inhaled

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- H317 - May cause an allergic skin reaction
- H223 - Flammable aerosol



**Appearance:** Milky white (Aerosol Non-volatiles)

**Physical state:** Aerosol - Compressed liquefied gas

**Odor** Slight Solvent , Oily/ oil-like

### Precautionary Statements - Prevention:

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  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P271 - Use only outdoors or in a well-ventilated area  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P280 - Wear protective gloves

### Precautionary Statements - Response:

P321 - Specific treatment (see Section 4/ First Aid).  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse  
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  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P331 - Do NOT induce vomiting

### Precautionary Statements - Storage:

P405 - Store locked up  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

### Precautionary Statements - Disposal:

P501 - Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC):

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

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## SECTION 3: Composition/information on ingredients

Chemical name	CAS No.	Weight-%
Pyrethrins	8003-34-7	0.10
Deltamethrin	52918-63-5	0.020
Petroleum distillates, hydrotreated light	64742-47-8	10<--->20 *
Propane	74-98-6	2.20
Isobutane	75-28-5	12.3

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

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Comments: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

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## SECTION 4: First aid measures

**Aspiration pneumonia hazard:** • May be fatal if swallowed and enters airways

### Description of first aid measures

**Eye contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Ingestion:** If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give **any** liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Self-protection of the First Responder:** Remove all sources of ignition. Use personal protective equipment as required.

**Note to physicians:** Contains petroleum distillates – vomiting may cause aspiration pneumonia.

For skin effects, a highly efficient therapeutic agent for Pyrethrin/ Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

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## SECTION 5: Firefighting measures

### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Unsuitable extinguishing media:

Caution: Use of water spray when fighting fire may be inefficient.

**Hazardous combustion products:** Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

### Specific hazards arising from the chemical

No information available.

### Explosion data

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** None.

### Protective equipment and precautions for firefighters:

In the event of fire and/or explosion do not breathe fumes.

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## SECTION 6: Accidental release measures

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### Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

### Methods and material for containment and cleaning up

**Methods for containment:** Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up:** Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

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## SECTION 7: Handling and storage

### Precautions for safe handling

**Advice on safe handling:** Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. For more information, see product label.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions:** Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. For more information, see product label.

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## SECTION 8: Exposure controls/personal protection

### Control parameters

#### Exposure Guidelines:

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Supplier OEL
Pyrethrins 8003-34-7	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	IDLH: 5000 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	-
Petroleum distillates, hydrotreated light 64742-47-8	-	-	-	TWA: 100 ppm TWA: 525 mg/m <sup>3</sup>
Propane 74-98-6	See Appendix F: Minimal Oxygen Content, explosion hazard	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	-
Isobutane 75-28-5	STEL: 1000 ppm explosion hazard	-	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>	-

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NIOSH IDLH *Immediately Dangerous to Life or Health*

### Appropriate engineering controls

**Engineering Controls:** Safety showers  
Eyewash stations  
Ventilation systems

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

**Eye/face protection:** Protective eyewear is recommended, but is not required.

**Skin and body protection:** Wear protective gloves and protective clothing.

**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:** When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties:

<b>Physical state:</b>	Aerosol - Compressed liquefied gas		
<b>Appearance:</b>	Milky white (Aerosol Non-volatiles)		
<b>Odor</b>	Slight Solvent , Oily/ oil-like		
<b>Odor threshold:</b>	No information available		
<b>Color (Gardner Scale):</b>	No information available		
<b>Property:</b>	<b>Values:</b>	<b>Comment:</b>	<b>• Method</b>
<b>pH:</b>	5.8	Test was performed on aerosol Non-Volatile's.	
<b>Melting point / freezing point:</b>	No information available		
<b>Boiling point / boiling range:</b>	No information available		
<b>Flash point:</b>	65.0 °C / 149.0 °F	Tag Closed Cup. Test was performed on aerosol Non-Volatile's.	
<b>Evaporation rate:</b>	No information available		
<b>Flammability (solid, gas):</b>	No information available		
<b>Upper flammability limit (UEL):</b>	No information available		
<b>Lower flammability limit (LEL):</b>	No information available		
<b>Vapor pressure:</b>	No information available		
<b>Vapor density:</b>	No information available		
<b>Specific Gravity:</b>	No information available		
<b>Water solubility:</b>	No information available		
<b>Partition coefficient; n-Octanol/Water:</b>	No information available		
<b>Autoignition temperature:</b>	No information available		
<b>Decomposition temperature:</b>	No information available		
<b>Kinematic viscosity:</b>	No information available		
<b>Dynamic viscosity:</b>	338 cPs @ 20.0 °C	Test was performed on aerosol Non-Volatile's	
<b>Refractive Index:</b>	No information available		

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### Other Information:

**Density** 0.9577 g/cm<sup>3</sup> @ 20.0 °C (Aerosol Non-volatiles)  
**Bulk density** 7.98  
**VOC Content (%):** 14.5

### Miscibility/ Solubility:

**Water:** Miscible

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## SECTION 10: Stability and reactivity

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous polymerization:** Hazardous polymerization does not occur.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials:

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

### Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

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## SECTION 11: Toxicological information

### Numerical measures of toxicity - Product Information

**Oral LD<sub>50</sub>** >5,000 mg/kg (rat)  
**Dermal LD<sub>50</sub>** >5,000 mg/kg (rabbit)  
**Inhalation LC<sub>50</sub>** >4.53 mg/L, (rat; 4 hours)  
**Eye contact:** Non-irritating to eyes. (rabbit).  
**Skin Contact:** Slightly irritating. (rabbit).  
**Sensitization:** Sensitizer; skin. (guinea pig).

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

**Reproductive toxicity:** No information available.  
**Developmental Toxicity** No information available.  
**Teratogenicity:** No information available.  
**STOT - single exposure:** No information available.  
**STOT - repeated exposure:** No information available.  
**Chronic toxicity:** Avoid repeated exposure.

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## SECTION 12: Ecological information

### Ecotoxicity:

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### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

Chemical name	Partition coefficient; n-Octanol/ Water:
Propane 74-98-6	2.3
Isobutane 75-28-5	2.88

**Other adverse effects:** No information available

### Environmental hazards (EPA):

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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## SECTION 13: Disposal considerations

### Waste treatment methods

**Disposal of wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations. For more information, see product label.

**Contaminated packaging:** For more information, see product label.

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## SECTION 14: Transport information

### DOT (Department of Transportation)

**UN/ID Number:** UN1950  
**Proper Shipping Name:** Aerosols, flammable  
**Hazard Class:** 2.1

### Air (IATA/ ICAO)

**UN/ID Number:** UN1950  
**Proper Shipping Name:** Aerosols, flammable  
**Hazard Class:** 2.1

### Vessel (IMO/ IMDG)

**UN/ID Number:** UN1950  
**Proper Shipping Name:** Aerosols, flammable  
**Hazard Class:** 2.1

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## SECTION 15: Regulatory information

### US Federal Regulations

### SARA 313

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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	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	Yes
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)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Pyrethrins 8003-34-7	1 lb	-	-	-

### 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

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ):
Pyrethrins 8003-34-7	1 lb	-	RQ 1 lb final RQ RQ 0.454 kg final RQ

### US State Regulations:

#### California Proposition 65:

This product does not contain any intentionally added Proposition 65 chemicals

### U.S. EPA Label Information:

**US EPA Registration Number:** 1021-2716-101563

#### Difference between SDS and EPA (FIFRA) Pesticide label:

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use. The hazard information required on the pesticide label is reproduced below:

Signal word: **CAUTION**

#### Precautionary Statements:

- Harmful if swallowed
- Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### International Inventories:

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<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Does not comply
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

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

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## SECTION 16: Other information

<u>NFPA</u>	Health hazards 2	Flammability 3	Instability 0	Physical and Chemical Properties *
<u>HMIS</u>	Health hazards 2*	Flammability 4	Physical hazards 0	Personal protection X

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

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**Note:**

This data sheet has been generated according to the safety data sheet supplied by the manufacturer of the product.

Supplier name: MGK

**End of SDS**