

**Safety Data Sheet**  
**Whirlwind**

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Whirlwind  
**PRODUCT CODE:** 7205  
**PRODUCT USE:** Aerosol Dust Remover  
**COMPANY NAME:** ATCO International  
**COMPANY ADDRESS:** 1401 Barclay Circle, S.E. Marietta, GA 30060  
**COMPANY PHONE:** 1-800-723-2826  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 1  
Liquefied Gas

**HAZARD STATEMENT(S): DANGER:** Extremely Flammable Aerosol Contains gas under pressure; May explode if heated.

This product contains the following percentage of chemicals of unknown toxicity: 0%

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place.



**SYMBOL:**

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>HAZARDOUS INGREDIENT</b>	<b>CAS NUMBER</b>	<b>PERCENT</b>
Propane/n-Butane	68476-86-8	60-100%

**SECTION IV - FIRST AID MEASURES**

**EYES:** Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation develops.

**INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

**SKIN:** Allow skin to return to room temperatures. Seek medical attention.

**ACUTE HEALTH HAZARDS:** None Known

**CHRONIC HEALTH HAZARDS:** None known

**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.

**UNSUITABLE EXTINGUISHING MEDIA:** Water spray/stream.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

**Safety Data Sheet**  
Whirlwind

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Product will normally evaporate rapidly, leaving no residue. Ventilate area especially low places where heavy vapors might collect.

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations.

**RCRA STATUS:** Non-hazardous - This product vaporizes readily under standard atmospheric conditions.

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

**OTHER PRECAUTIONS:** Keep out of the reach of children.

**INCOMPATIBILITY:** Oxidizing materials

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Propane/n-Butane	1000 ppm	1000 ppm

**ENGINEERING CONTROLS / VENTILATION:** General ventilation and local exhaust should be adequate.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses

**ADDITIONAL MEASURES:** Contents are a mixture of liquified petroleum gas. Do not use near open flame. Direct contact with skin can cause frostbite.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Canister spray is not visible under standard conditions.

**ODOR:** No distinct odor

**ODOR THRESHOLD:** N/D

**BOILING POINT:** N/D

**FREEZING POINT:** -309°F

**FLAMMABILITY:** Extremely Flammable Aerosol

**FLASH POINT:** -155°F (-104°C)

**AUTOIGNITION TEMPERATURE:** 450°C (842°F)

**LOWER FLAMMABILITY LIMIT:** 2.1

**UPPER FLAMMABILITY LIMIT:** 9.5

**VAPOR PRESSURE (mm Hg):** N/D

**VAPOR DENSITY (AIR=1):** 1.85

**EVAPORATION RATE:** > 3 (Fast)

**SPECIFIC GRAVITY (H2O=1):** 0.56 @ 77°F (25°C)

**pH:** N/A

**SOLIDS (%):** 0%

**SOLUBILITY IN WATER:** 0.008% @ 70°F (21°C)

**PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow):** N/D

**VOLATILITY INCLUDING WATER (%):** 100 %

**VOLATILE ORGANIC COMPOUNDS (VOC):** 100%

**DIELECTRIC STRENGTH (Volts):** N/A

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

**SECTION X – STABILITY AND REACTIVITY DATA**

**REACTIVITY:** None Known

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Temperatures greater than 122°F and sources of ignition.

**INCOMPATIBILITY:** Oxidizing materials

# Safety Data Sheet

## Whirlwind

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon

**POSSIBLE HAZARDOUS REACTIONS:** None Known

### SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION: Propane/n-Butane** (68476-86-8) LC<sub>50</sub> (Inhalation, Rat, 4hr) 685 mg/m<sup>3</sup>

**ROUTES OF ENTRY:** Eyes, Inhalation, Skin

**EYES:** May cause irritation, redness.

**INGESTION:** Not a likely route of exposure under normal product handling conditions.

**INHALATION:** Inhalation of vapor may produce anesthetic effects and feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness, and death from asphyxiation depending upon concentration and time of exposure.

**SKIN:** Contact with evaporating liquid can cause frostbite.

**MEDICAL CONDITION AGGRAVATED:** Excessive exposure will aggravate respiratory cardiovascular or pulmonary illnesses.

**ACUTE HEALTH HAZARDS:** None Known

**CHRONIC HEALTH HAZARDS:** None known

**CARCINOGENICITY: OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** No

### SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Not Established

**BIODEGRADABILITY:** Component or components of this product are not biodegradable.

**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**SOIL MOBILITY:** This product is mobile in soil.

**OTHER ECOLOGICAL HAZARDS:** None Known

### SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations.

**RCRA STATUS:** Non-hazardous - This product vaporizes readily under standard atmospheric conditions.

### SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

#### AIR SHIPMENT

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

**SHIPPING BY WATER: VESSEL  
(IMO/IMDG) PROPER SHIPPING  
NAME:** Aerosols, Ltd. Qty. **HAZARD  
CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

**ENVIRONMENTAL HAZARDS WATER:** N/A

### SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None

**SARA 311/312 HAZARD CATEGORIES:** Fire Hazard

# Safety Data Sheet

## Whirlwind

**SARA 313 REPORTABLE INGREDIENTS: Propane/n-Butane (68476-86-8)**

**CLEAN WATER ACT:** None

**STATE REGULATIONS:** California Proposition 65: None

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	4	<b>HMIS FLAMMABILITY:</b>	4
<b>NFPA REACTIVITY:</b>	0	<b>HMIS REACTIVITY:</b>	0
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	A

### SECTION XVI - ADDITIONAL INFORMATION

**PREPARATION BY:** Technical Services

**DATE PREPARED:** 03/10/2015

**REVISION DATE:** 03/10/2015

N/A = Not Applicable; N/D = Not Determined

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