



american gas & chemical co. ltd.

220 PEGASUS AVE  
NORTHVALE, NEW JERSEY 07647  
201-767-7300, FAX 201-767-1741

# Safety Data Sheet

Issue Date: 11-Sept-2014

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** ODP-340 Fuel/Oil Leak Testing Spray Powder

### Other means of identification

**SDS #** AGC-247

**Product Code** ODP-340

**UN/ID No** UN1950

**Other Information** Package type: Aerosol.

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

**Recommended Use** Fuel/Oil Leak Testing Spray Powder

### Details of the supplier of the safety data sheet

#### Manufacturer Address

AMERICAN GAS & CHEMICAL COMPANY, LTD  
220 Pegasus Avenue  
Northvale NJ 07647

#### Emergency Telephone Number

**Company Phone Number** Phone: 201-767-7300 Fax: 201-767-1741

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Pink Liquid

**Physical State** Liquid

**Odor** Slight odor

### Classification

Skin Irritation	Category 2
Eye Irritation	Category 2
Gases Under Pressure	Compressed Gas

### Signal Word

#### Warning

#### Hazard Statements

May be harmful if swallowed and enters airways

Causes skin irritation

Causes eye irritation

Harmful if inhaled

May cause drowsiness or dizziness.

Contains gas under pressure; may explode if heated



#### Precautionary Statements - Prevention

Keep out of reach of children

Read label before use

Do not get in eyes, on skin, or on clothing

Do not breath dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Wear protective gloves/eye protection /face protection

#### Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists: Get medical advice/attention IF ON SKIN: Wash with plenty of soap and water

IF ON SKIN: Remove all contaminated clothing. Wash with soap and water. If skin irritation or rash occurs: Get medical attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Immediately call a poison center or doctor/physician

IF INGESTED: Rinse mouth. Not known to be hazardous by ingestion. Do not induce vomiting as aspiration hazard is considered a greater hazard than swallowing.

**Precautionary Statements - Storage**

Store locked up. Protect from sunlight. Store in a well-ventilated place. Do not store in direct sunlight.

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with all local/national/international regulations.

**Other Hazards**

None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Proprietary Fluorinated Solvent	Trade Secret	<70
1,1,1,2-Tetrafluoroethane	811-97-2	<15

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

<b>Eye Contact</b>	If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call physician.
<b>Skin Contact</b>	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air. Call a physician immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
<b>Ingestion</b>	Do not induce vomiting. Call a physician immediately. Potential for aspiration if swallowed.

**Most important symptoms and effects**

<b>Symptoms</b>	High vapor concentrations are irritating to the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects. Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis. Contact may cause eye irritation.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Non-combustible. Use a fire fighting agent suitable for surrounding fire. In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Pressurized container: May burst if heated.

**Specific Hazards Arising from the Chemical**

Exposure to extreme heat can give rise to thermal decomposition.

**Hazardous Decomposition or By-Products** Hydrogen Fluoride, Carbonyl Fluoride, Carbon Monoxide, Carbon Dioxide

### 6. ACCIDENTAL RELEASE MEASURES

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

<b>Personal Precautions</b>	Wear protective clothing as described in Section 8.
<b>Environmental Precautions</b>	Avoid release to the environment. Contain spills with sand, earth or any suitable absorbent.

**Methods and material for containment and cleaning up**

Contain spill. Cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Place in a closed container approved for transportation by appropriate authorities. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Dispose of collected material as soon as possible.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advice on Safe Handling**

Store work clothes separately from other clothing, food and tobacco products. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) No smoking: Smoking while using this product can result in contamination of the tobacco and/or smoke and lead to the formation of hazardous decomposition products.

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Store in a well-ventilated place. Keep container tightly closed. Store away from heat. Store away from strong bases. Store away from oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Proprietary Fluorinated Solvent	TWA: 50 ppm	-	-

### Appropriate engineering controls

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Local exhaust should be used when large amounts are released. Vapors are heavier than air.

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

#### **Eye/Face Protection**

Use splash goggles or face shield when contact may occur. Provide eye wash.

#### **Skin and Body Protection**

For prolonged or repeated skin contact use suitable protective gloves. Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### **Respiratory Protection**

Use supplied-air respiratory protection in confined or enclosed spaces.

#### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

General Physical Form:	Liquid
Specific Physical Form:	Liquid
Color	Pink
Odor	Slight Odor
Odor Threshold	No Data Available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	56.2°C / 134°F	
Flash Point	None	
Evaporation Rate	70 [Ref Std: BUOAC=1]	(Water = 1)
Flammability (Solid, Gas)	Not Applicable	
Upper Flammability Limits	None	
Lower Flammability Limit	None	
Vapor Pressure	517 mm Hg	@20°C (68°F)
Vapor Density	Not Determined	(Air=1)
Specific Gravity	1.47	@20°C (68°F)
Water Solubility	Insoluble in water	
Solubility in other solvents	Slight (less than 10%)	
Partition Coefficient	Log Pow = 2.18	
Auto-ignition Temperature	590°C / 1094°F	
Decomposition Temperature	Not Determined	
Kinematic Viscosity	0.65 centipoise [@ 25 °C]	
Dynamic Viscosity	Not Determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

**10. STABILITY AND REACTIVITY**

<b><u>Reactivity</u></b>	This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.
<b><u>Chemical Stability</u></b>	Stable under recommended storage conditions.
<b><u>Possibility of Hazardous Reactions</u></b>	None under normal processing.
<b><u>Hazardous Polymerization</u></b>	Hazardous polymerization does not occur.
<b><u>Conditions to Avoid</u></b>	Keep out of reach of children.
<b><u>Incompatible Materials</u></b>	Strong oxidizers. Alkalis or alkaline earth metals powdered Al, Zn, Be, etc.
<b><u>Hazardous Decomposition Products</u></b>	Hydrogen Fluoride, Carbonyl Fluoride, Carbon Monoxide, Carbon Dioxide

**11. TOXICOLOGICAL INFORMATION****Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary Fluorinated Solvent	>2,000mg/kg	>2,000mg/kg	>24.8mg/L (3,010 ppm)
1,1,1,2-Tetrafluoroethane 811-97-2	-	-	= 1500 g/m <sup>3</sup> ( Rat ) 4 h

**Carcinogenicity** Not classifiable as a human carcinogen.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
1,1,1,2-Tetrafluoroethane 811-97-2		96 hour LC50-Rainbow Trout: 450 mg/L		48 hour EC50-Daphnia magna: 980 mg/L
Proprietary Fluorinated Solvent	ErC50>213mg/L EbC50>213mg/L	LC50 (96 hr) (Carp) >76mg/L	EC50>94mg/L – 48hr	

**Persistence/Degradability** Not determined.

**Bioaccumulation** Not determined.

**Mobility**

**Other Adverse Effects** Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

**Disposal of Wastes** Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Combustion products will include halogen acid (HCl/HF/HBr). Facility must be capable of handling halogenated materials. Empty drums/barrels/containers used for transporting and handling hazardous chemicals chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

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

**US EPA Waste Number**

**California Hazardous Waste Status**

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard Class 2.2

### IATA

UN/ID No UN1950  
 Proper Shipping Name Aerosols, non-flammable  
 Hazard Class 2.2

### IMDG

UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard Class 2.2  
 Marine Pollutant This material may meet the definition of a marine pollutant

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Listed

### 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

### US Federal Regulations

CERCLA Not regulated

SARA 313 Not subject to reporting

CWA (Clean Water Act) Not regulated

### US State Regulations

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

## 16. OTHER INFORMATION

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	0	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	2	0	0	B

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End of Safety Data Sheet