

# MATERIAL SAFETY DATA SHEET

Aerosol Solution

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Aerosol Solution

Product Code: 131-16

Material Uses:

Manufacturer:

OFI Testing Equipment, Inc.  
11302 Steeplecrest Drive  
Houston, TX 77065 USA  
Phone: (832) 320-7300  
Fax: (713) 880-9886

Entry Date : 5/5/2010

Print Date: 7/28/2010

24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	2
Flammability:	1
Reactivity:	0

Hazard Rating:  
Least Slight Moderate High Extreme  
0 1 2 3 4  
NA = Not Applicable NE = Not Established

## SECTION 2 HAZARD IDENTIFICATION

Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Inhalation: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation.

Ingestion: No hazard expected in normal industrial use. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Skin: Causes skin irritation. A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts. In a modified Draize-Shelanski repeatinsult patch test, sodium dioctyl sulfosuccinate showed little evidence of irritation and no evidence of eliciting an allergic response in human subjects.(Cytec)

Eye Contact: Causes eye irritation.

Chronic Exposure: Chronic exposure may cause effects similar to those of acute exposure.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	2-Ethylhexanol	CAS#: 104-76-7	<1%		
<input type="checkbox"/>	Aerosol OT Solid	CAS#: 577-11-7	10-12%		1000 ppm OSHA TWA, 1250 ppm OSHA STEL
<input type="checkbox"/>	Alcohol, Reagent Denatured Ethyl Alcohol		<1%		OSHA TWA 1000 ppm (1900 mg/m <sup>3</sup> )
<input type="checkbox"/>	Ethyl Alcohol 190 Proof (95%)	CAS# 64-17-5	<1%		OSHA TWA 1000 ppm (1900 mg/m <sup>3</sup> )

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- Ethylene Glycol Butyl Ether CAS# 111-76-2 15% V/V TXDS: orl-rat LD50 = 2220 mg/kg
- Water, Deionized ASTM Type II CAS# 7732-18-5 Balance None Established

**SECTION 4 FIRST AID MEASURES**

Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of water. Vomiting may occur, but it is not necessary to induce.

**SECTION 5 FIRE FIGHTING MEASURES**

- Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire
- Fire / Explosion Hazards: None Known.
- Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

General Information:

Spills/Leaks: Use proper personal protective equipment as indicated in Section 8.

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation.

**SECTION 7 HANDLING AND STORAGE**

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Respiratory Protection: NIOSH/MSHA-approved respirator
- Ventilation
  - Local Exhaust
  - Mechanical
- Protective Gloves: Gloves to prevent exposure
- Eye Protection: Splash Goggles
- Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

- Melting Point: Information not available
- Percent Volatile by Volume: Information not available

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Boiling Point:	Information not available	Evaporation Rate	Information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Information not available
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	Information not available
Appearance /Odors:	liquid colorless, odorless	Upper Flamm. Limit in Air	Information not available
Flash Point:	Information not available		
Specific Gravity:	Information not available		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability:	Stable
Conditions to Avoid:	Avoid contact with heat, sparks, flames, or other sources of ignition.
Materials to Avoid:	None known
Hazardous Decomposition Products:	Strong oxides, strong acids, strong bases
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

**SECTION 11 Toxicological Information**

Carcinogenic References: NTP Carcinogen - Known: Not listed., IARC Category – Not listed.  
Aggravated by Exposure: This Material or its Emissions may Affect the Central Nervous System (CNS) and/or Aggravate Pre-Existing CNS Disorders. Prolonged Observations may be Indicated.

**SECTION 12 Ecological Information**

Environmental Fate: No information available.

**SECTION 13 Disposal Considerations**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: CAS# 67-64-1: waste number U002 (Ignitable waste).

**SECTION 14 Transport Information**

DOT Classification: Not regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

US FEDERAL Clean Water Act:

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TSCA CAS# 7732-18-5 is listed on the TSCA inventory. CAS# 111-76-2 is listed on the TSCA inventory. CAS# 577-11-7 is listed on the TSCA inventory. CAS# 64-17-5 is listed on the TSCA inventory. CAS# 104-76-7 is listed on the TSCA inventory. CAS# 67-64-1 is listed on the TSCA inventory. Health & Safety Reporting List

CAS# 111-76-2: Effective 4/13/89, Sunset 6/30/98 CAS# 104-76-7: Effective 6/1/87, Sunset 12/19/95 Chemical Test Rules

CAS# 67-64-1: Test for Health Effects Section 12b None of the chemicals are listed under TSCA Section 12b. TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA. CERCLA Hazardous Substances and corresponding RQs

CAS# 67-64-1: 5000 lb final RQ; 2270 kg final RQ SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ. SARA Codes

CAS # 111-76-2: immediate, delayed, fire.

CAS # 577-11-7: immediate.

CAS # 64-17-5: immediate, delayed, fire.

CAS # 104-76-7: immediate, fire.

CAS # 67-64-1: immediate, fire.

Section 313

This material contains Ethylene glycol monobutyl ether (listed as Glycol ethers), 15.00%, (CAS# 111-76-2) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373. Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA. OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

STATE CAS# 7732-18-5 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

CAS# 111-76-2 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts. CAS# 577-11-7 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

CAS# 64-17-5 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts. CAS# 104-76-7 can be found on the following state right to know lists:

Pennsylvania, Massachusetts.

CAS# 67-64-1 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts. California Prop 65

WARNING: This product contains Ethyl alcohol, a chemical known to the state of California to cause developmental reproductive toxicity. California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives Hazard Symbols: Not available.

Risk Phrases: Not available. Safety Phrases:

WGK (Water Danger/Protection)

CAS# 7732-18-5: No information available.

CAS# 111-76-2: 1

CAS# 577-11-7: 2

CAS# 64-17-5: 0

CAS# 104-76-7: 2

CAS# 67-64-1: 0

Canada - DSL/NDSL

CAS# 7732-18-5 is listed on Canada's DSL List.

CAS# 111-76-2 is listed on Canada's DSL List.

CAS# 577-11-7 is listed on Canada's DSL List.

CAS# 64-17-5 is listed on Canada's DSL List.

CAS# 104-76-7 is listed on Canada's DSL List.

CAS# 67-64-1 is listed on Canada's DSL List.

Canada - WHMIS

This product has a WHMIS classification of D2B. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. Canadian Ingredient Disclosure List

CAS# 111-76-2 is listed on the Canadian Ingredient Disclosure List.

CAS# 577-11-7 is listed on the Canadian Ingredient Disclosure List.

CAS# 64-17-5 is listed on the Canadian Ingredient Disclosure List.

CAS# 104-76-7 is listed on the Canadian Ingredient Disclosure List.

CAS# 67-64-1 is listed on the Canadian Ingredient Disclosure List.

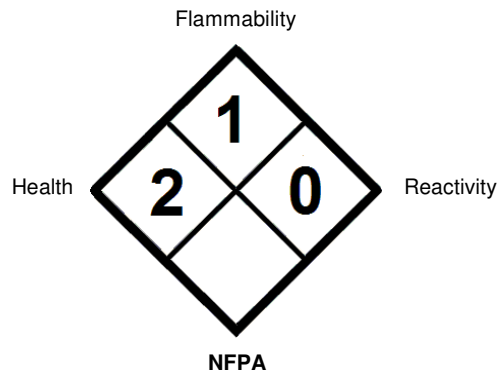
### SECTION 16

### Additional Information

May cause central nervous system effects. Causes eye, skin, and respiratory tract irritation. Target organs: central nervous system,

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respiratory system, eyes, skin.



Revisions

5/18/2010	0.1	updated msds to 16 section from 10 section msds. STN
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The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely.