

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: Aero-Brite Degreaser**

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Date Prepared: October 2008, modified 05-08-09  
001

MSDS No:

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Aero-Brite Degreaser  
Product Code: 001  
Product Description: A water-based liquid intended for cleaning aircraft surfaces

Manufactured (or Distributed) By: Enviro-Brite Solutions, LLC  
Address: 5751 Van Etten Cr. Drive  
Oscoda Michigan 48750  
Telephone Number: 989-387-2758 8:00 am – 5:00 pm

**EMERGENCY TELEPHONE NUMBER: 908-531-8148 (8:00 AM to 6:00 PM)**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

	<u>wt. %</u>	<u>CAS REGISTRY #</u>
Dipropylene Glycol Monomethyl Ether	2.5 – 7.0	034590-94-8
Proprietary Surfactant Blend	2.5 – 7.0	not assigned
Sodium Metasilicate	1.0 – 2.5	6834-92-0
Tetrasodium Ethylenediaminetetraacetate- Tetrahydrate	0.5 – 1.5	13235-35-4
Water	82.0 – 93.5	7732-18-5

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

EXPOSURE LIMITS (8 hrs. TWA (ppm))

	<u>REASON</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Tetrasodium Ethylenediaminetetraacetate	Eye Irritant	not established	not established
Sodium Metasilicate	skin & eye irritant	not established	not established

## 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Color, Odor, Appearance, Physical State: Colorless To Straw Colored Aqueous Liquid  
Flammable, Combustible Or Explosive: No Flammable, Combustible Or Explosive  
Significant Hazard In Fire: No  
Oxidizer Or Unstable: Stable, Not An Oxidizer  
Toxicity Class (OSHA & DOT): Class 8 (DOT)  
Dangerous When Inhaled: Not Known  
Skin, Eye Or Respir. Tract Irritant: Irritating To Skin, And Eyes

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Carcinogen: Not Known  
Is It Hazardous Under Emergency Conditions: No  
Toxic To Aquatic Organisms: Not Expected To Be Toxic  
An Unusual Hazard In Fire: No

## POTENTIAL HEALTH EFFECTS:

### Relevant Routes of Exposure

Eye: Not tested, expected to be damaging  
Skin: Not tested, expected to be irritating  
Inhalation: Not tested  
Ingestion: Not tested, not an expected route  
Lengths of Exposure (single, repeated, lifetime): Not known  
Severity of Effect (mild, moderate, severe): Severely irritatin to eye

Target Organ(s): Not known

Signs and Symptoms of Exposure: Irritation and redness

Medical Conditions Known to be Aggravated by Exposure: Not known

Carcinogens or potential carcinogens listed by OSHA, IARC or NTP: No

## 4. FIRST AID MEASURES

### Note to Physician

This product is strongly alkaline and is expected to be a skin and eye irritant. Flush exposed areas with running water for at least 15 minutes. Remove contact lenses immediately and seek medical attention. Treat symptomatically

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

Flash point and method: Not known  
Upper & lower flammable (explosive) limits in air: Not known  
Autoignition temperature: None expected  
Flammability classification (29 CFR 1910.1200): Not flammable

Known Or Anticipated Hazardous Products Of Combustion: Oxides of Carbon and Water  
Potential For Release Of Flammable Vapors: Not Known

EXTINGUISHING MEDIA: Water, foam, carbon dioxide

### FIRE FIGHTING INSTRUCTIONS

*Self-contained breathing apparatus (SCUBA) and full firefighting turn out gear (Bunker Gear*

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## **6. ACCIDENTAL RELEASE MEASURES**

Contain spill and absorb on inert absorbent. Do not allow entry into streams or groundwater.

## **7. HANDLING AND STORAGE**

HANDLING: Use personal protection measures to avoid skin and eye contact

STORAGE: Store at room temperature; avoid freezing.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

ENGINEERING CONTROLS: Use adequate ventilation

PERSONAL PROTECTIVE EQUIPMENT (PPE): Use skin and eye protection to avoid contact with skin and eyes

EXPOSURE GUIDELINES: Not known

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Colorless to straw colored water solution

Odor: Characteristic organic

Physical State: Liquid

pH: > 12

Vapor Pressure: Not determined

Vapor Density: Not determined

Boiling Point: Approximately 100° C

Freezing: Approximately 0° C

Solubility in Water: Soluble in all proportions

Density: Approximately 1 gm/mL

Volatile Organic Compounds (VOC) content: < 10%

Percent Volatile: >90%

Octanol/Water Partition Coefficient: Miscible in water in all proportions

## **10. STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Avoid contact with acids

INCOMPATIBILITY WITH OTHER MATERIALS: Not known

HAZARDOUS DECOMPOSITION PRODUCTS: None expected

HAZARDOUS POLYMERIZATION: Will not occur

## **11. TOXICOLOGICAL INFORMATION**

Acute Data and Subchronic Data: Not determined

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## **12. ECOLOGICAL INFORMATION**

ECOTOXICITY: Not determined

ENVIRONMENTAL FATE: Not determined

PHYSICAL/CHEMICAL FATE: Not determined

## **13. DISPOSAL CONSIDERATIONS**

The following is useful in this section, which is intended for professionals.

Classification under applicable laws (RCRA, 40 CFR.261)  
Identification - US EPA waste number & description  
Physical/Chemical properties related to disposal options  
Special Instructions  
Disposal of empty containers and rinsate  
Special State, Local or Federal regulations

## **14. TRANSPORT INFORMATION**

Hazardous Materials Description/Proper Shipping Name:  
Compounds, Cleaning Liquid (Alkaline Aircraft Cleaner)  
Hazard Class: 8  
Identification Number: NA 1760  
Reportable Quantities: Not known  
Modal Restrictions: Not known  
Packaging: Bulk Tote  
Labeling: (Alkaline Aircraft Cleaner)

## **15. REGULATORY INFORMATION**

### **U.S. FEDERAL REGULATIONS**

OSHA: Alkaline Liquid  
TSCA: Not applicable  
FIFRA: Not applicable  
CERCLA (reportable quantity if any): Not known

### **STATE REGULATIONS**

#### **Additional State Right to Know Information:**

This product contains more than 1% Dipropylene Glycol Monomethyl Ether which is listed on the Pennsylvania Right To Know Lists at concentrations exceeding 1%. The ingredient is also listed as a Volatile Organic Carbon materials by California Proposition 65 regulations.

**16. OTHER INFORMATION**

**THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THAT IT IS ACCURATE TO THE BEST KNOWLEDGE OF Enviro-Brite Solutions, LLC. THE DATA ON THIS SHEET IS RELATED ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN, AND IT MAY NOT APPLY TO COMBINATIONS WITH OTHER MATERIALS. Enviro-Brite Solutions, LLC ASSUMES NO LEGAL RESPONSIBILITY FOR THE COMPLETENESS OR USE OR RELIANCE UPON THESE DATA.**