

# Material Safety Data Sheet

Active Aero

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**DATE PREPARED:** 06/12/2013  
**REVISION DATE:** 06/12/2013  
**CHEM-TEL:** 800-255-3924  
**PRODUCT NUMBER:** 2300

## SECTION I - IDENTIFICATION

**PRODUCT NAME:** Active Aero  
**PRODUCT USE:** Stain and odor eliminator

**PRODUCT CODE:** 2300

## SECTION II - COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
2-Butoxyethanol	111-76-2	50 ppm	20 ppm
Isopropyl Alcohol	67-63-0	400 ppm	200 ppm
Propane/N-Butane	68476-86-8	N/A	1000 ppm
1,8-p-Menthadiene	5989-27-5	N/A	N/A

## SECTION III - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Aerosol under pressure do not expose to temperatures greater than 120°F; or store in direct sunlight.

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

**EYES:** Causes irritation.

**INGESTION:** May cause gastrointestinal irritation, nausea.

**INHALATION:** Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.

**SKIN:** May cause mild irritation, dryness with prolonged or repeated contact.

**MEDICAL CONDITION AGGRAVATED:** None known

**CHRONIC HEALTH HAZARDS:** None known

**CARCINOGENICITY:**

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

## SECTION IV - FIRST AID MEASURES

**EYES:** Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

**INGESTION:** Do not induce vomiting. Rinse mouth out with water.

**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:** Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.

**NOTE TO PHYSICIAN:** None

## SECTION V - FIRE-FIGHTING MEASURES

**FLASH POINT:** Non-flammable

**FLAMMABLE LIMITS IN AIR, (% BY VOLUME)** **UPPER:** N/A **LOWER:** N/A

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

**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. Use water spray only to cool exposed containers.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon



# Material Safety Data Sheet

Active Aero

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**SPILL:** Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120°F may cause bursting.

**OTHER PRECAUTIONS:** None

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS / VENTILATION:** Ambient ventilation suitable, forced ventilation should not be required

**RESPIRATORY PROTECTION:** Not required with normal use.

**PROTECTIVE CLOTHING:** Safety glasses and chemical resistant gloves are recommended.

**ADDITIONAL MEASURES:** Wash hands thoroughly with soap and water after use. Use good industrial hygiene practices.

**EXPOSURE GUIDELINES:** Non-flammable Liquid

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Cloudy, White Liquid

**PHYSICAL STATE:** Aerosol Spray

**FREEZING POINT:** < 32°F (0°C)

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

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.99

**SOLIDS (%):** 1.4%

**VOLATILITY INCLUDING WATER (%):** 98.6

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

**ODOR:** Citrus

**BOILING POINT:** 212°F (100°C)

**VAPOR PRESSURE (mm Hg):** 17.5 @ 77°F (25°C)

**EVAPORATION RATE:** 0.1

**pH:** 11.8

**SOLUBILITY IN WATER:** 97 %

**VOLATILE ORGANIC COMPOUNDS (VOC):** 15.7%

## SECTION X – STABILITY AND REACTIVITY DATA

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Elevated temperatures and excessive heat.

**INCOMPATIBILITY:** Strong oxidizers, Alkalies, Acids

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

**HAZARDOUS POLYMERIZATION:** Will not occur

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** 2-Butoxyethanol (111-76-2) LD<sub>50</sub> (Oral, Rat) 470 mg/kg; LC<sub>50</sub> (Inhalation, Rat, 4hr) 450 ppm; LD<sub>50</sub> (Dermal, Rabbit) 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

## SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** 2-Butoxyethanol (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.



**Material Safety Data Sheet**  
Active Aero

**SECTION XIII - DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Non-corrosive Cleaning Compound Consumer commodity  
ORM-D

**HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:**

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty. Class 2

**HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** UN 1950

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty. Class 2

**UN/NA NUMBER:** UN 1950

**HAZARD CLASS/DIVISION:** 2.2

**NOTE:**

**SECTION XV - REGULATORY INFORMATION**

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

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

**SARA 313 REPORTABLE INGREDIENTS:** 2-Butoxyethanol (111-76-2)

**CLEAN WATER ACT:** None

**STATE REGULATIONS:** This product contains no known chemicals regulated by California's proposition 65.

**2-Butoxyethanol (111-76-2) RTK:** NJ, MA, PA

**INTERNATIONAL REGULATIONS:** 2-Butoxyethanol (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

**NFPA HEALTH:** 1

**NFPA FLAMMABILITY:** 0

**NFPA REACTIVITY:** 1

**NFPA OTHER:** N/A

**HMIS HEALTH:** 1

**HMIS FLAMMABILITY:** 0

**HMIS REACTIVITY:** 1

**HMIS PROTECTION:** A

**SECTION XVI - ADDITIONAL INFORMATION**

**PREPARATION BY:** Tad Hebdon

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