

ENG SCIENTIFIC, INC.
(a.k.a., A.J.P. SCIENTIFIC, INC.)

MATERIAL SAFETY DATA SHEET

SECTION I

Manufacturer: ENG Scientific, Inc. (a.k.a., A.J.P. Scientific, Inc.)

Address: P.O. Box 1589 - Clifton, NJ 07015

For Information on Health Hazards Call: (973) 472-7200

Product Name: AGS-SC-4000

Product Number: 4000

SECTION II - HAZARDOUS INGREDIENTS

| Component | % | CAS # |
|-----------------|----|---------|
| Acetone | 30 | 67-64-1 |
| Ethanol | 70 | 64-17-5 |
| NFPA RATINGS: | | |
| - HEALTH: | 2 | |
| - FLAMMABILITY: | 3 | |
| - REACTIVITY: | 0 | |

SECTION III - PHYSICAL DATA

Boiling Point, 101.325 kPa > 79⁰C (174⁰F)
760 mm Hg

Specific Gravity (H₂O = 1) 0.7920 @ 20/20⁰C

Vapor Density (air = 1) 1.6 Solubility in H₂O = Complete

Percent Volatile by Volume = 100 Vapor Pressure = 7 kPa

Freezing Point -85⁰C (-121⁰F) Evaporation Rate = 3.9

Appearance and Odor Water-white liquid; nonresidual odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point 51⁰F, Tag Closed Cup 61⁰F, Tag Open Cup
(test methods)

Flammable Limits in Air, % by volume: Lower=3.3 Upper=36.0
(Ethyl Alcohol) (Ethyl Alcohol)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA (cont'd.)

Extinguishing Media: Use water spray, carbon dioxide, dry chemical, alcohol-type, or universal type foams applied by manufacturer's recommended technique.

Special Fire Fighting Procedures: Approach ethanol fire with caution, ethanol burns with almost an invisible flame. Use self-contained breathing apparatus, and protective clothing.

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Avoid open flames.

Incompatibility: None.
(materials to avoid)

Hazardous Polymerization: Will not occur.

SECTION VI - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Wear gloves and soak up spilled solution with disposable towels.
Waste disposal method: Small spills should be flushed with large quantities of water. Large spills should be collected for disposal.

Waste Disposal Method: Flush with water, controlled burning.

SECTION VII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not ordinarily required.

Ventilation: General (mechanical) room ventilation should be suitable. Special local, ventilation should be used at points where vapors are expected to be vented to the workplace air.

Protective Gloves: Rubber

Eye Protection: Goggles or safety glasses.

Other Protective Equipment: Lab Coat. Eye bath, safety shower.

SECTION VIII - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Protect units against physical damage.

Other precautions: Store cool, dry area. Store in tightly closed container. Do not ingest.

Note: Disposal of hazardous material may be subject to federal, state, or local regulations. The information contained in this document is believed to be factual, however, nothing presented herein is to be taken as a warranty or representation for which ENG Scientific, Inc. (a.k.a., A.J.P. Scientific, Inc.) shall be responsible.

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