

Product Name:
AS-Dustroy Anti-Allergen Spray
 (AA formulation)

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Hazard Scale		Product Rating	
4	Extreme	Fire	0
3	High	Toxicity	0
2	Moderate	Reactivity	0
1	Slight	Health	1
0	Insignificant	Safety	0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Supplier: **GEMTEK®** Products, LLC
 3808 North 28th Avenue
 Phoenix, Arizona 85017 USA
 www.gemtek.com - info@gemtek.com

Emergency Telephone Number: (602) 265-8586 or 800-331-7022 (in the U.S.)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name of the Substance: Proprietary Ternary Non-Ionic Surfactant Compound, which complies with OSHA 29 CFR XVII-1910.1200 Section (i) "Trade Secrets". Contains no hazardous components under current OSHA definitions.

European Union: None of the components of this product are listed in Annex I to Directive 67/548/EEC or in Annexes II, III or V to Directive 1999/45/EC.

3. HAZARDS IDENTIFICATION

Most Important Hazards: Generally non-hazardous but get to fresh air and treat symptomatically.

Specific Hazards: Do not spray into eyes. If irritation does occur, rinse with clean water, if irritation persists, consult physician.

4. FIRST AID MEASURES

General Advice: Product exhibits no adverse effects. If irritation exist, seek medical attention, if needed.

Inhalation: Non-reactive - No first aid needed.

Skin Contact: Non-irritating - No first aid needed, however, rinse with water.

Eye Contact: An eye irritant - Rinse thoroughly with plenty of water, seek medical attention, if needed.

Ingestion: Non-toxic - Give large amounts of water, seek medical attention, if needed.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: The product itself does not burn.

Specific Hazards: None

Specific Methods: None required.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: None needed.

Environmental Precautions: None needed. Non-toxic, non-hazardous in RTU form.

Methods for Cleaning Up: Absorb and disperse as with other non-regulated refuse or by flushing area with water.

7. HANDLING AND STORAGE

Technical Measures/Precautions: Normal ventilation is adequate.

Safe Handling Advice: None required for normal use, however avoid contact with skin and eyes.

Technical Measures/Storage Conditions: No special requirements.

Incompatible Products: Avoid combining with oxidizers to protect efficacy.

Packaging Material: No restrictions, but preferred packaging is high density polyethylene HDPE.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: General room ventilation is satisfactory.
Control Parameters: Avoid oxidizers and temperature extremes.
Personal Protection Equipment
Respiratory: None needed.
Eye: None needed, but safety glasses recommended.
Hand: None needed.
Hygiene Measures: Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Water like viscosity	Color: Clear, water like
Odor: Pleasant odor, slightly detergent	pH: 1.8 - 2.0 range
Boiling Point/Range: 212.9°F / 100°C	Melting Point/Range: Not Applicable
Freezing Point: 28.4°F / -2°C	Viscosity @ 25°C: < 1.2 cSt
Dielectric Strength: 2250 volts @ 500 vps	Electric Conductivity: 7,500 µmhos
Decomposition Temperature: Higher than 250°F	Flash Point: None to IBP 212.9°F / 100°C
Explosive Properties: None	% Volatile by Volume: Nil
Vapor Pressure: 0.9 psi @ 100°F	Vapor Density: 1.1
Relative Density: greater than 1 (water = 1)	Water Solubility: 99.95%
Surface Tension: 35.5 dynes /cm	Specific Gravity: 1.034 @ 60°F
Evaporation Rate: slower than water	
Volatile Organic Compounds: None measurable by U.S. EPA Methods 601, 602 and 608	

10. STABILITY AND REACTIVITY

Conditions to Avoid: No decomposition occurs.
Materials to Avoid: None, does not react with other compounds.
Hazardous Decomposition Products: None.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Non-toxic
Local Effects: None
Specific Effects: None

12. ECOLOGICAL INFORMATION

Non-toxic, non-hazardous, safe for the environment. This product is readily biodegradable according to OECD Method, Modified Sturm Test.

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products: Except for possible regulation by local authorities, this product is sewerable if not intentionally contaminated by the user.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations in ready-to-use (RTU) form.

15. REGULATORY INFORMATION

Product complies with all known regulatory considerations and is unregulated and not listed as a Hazmat by any agency.

16. OTHER INFORMATION

Recommended Use: Neutralizing protein allergens.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed as a guideline for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text.