



SAFETY DATA SHEET

Issue Date 12-2-2014

Revision Date 6-2-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name EGP -- ACE EVAP-GARD PLUS

Other Means of Identification

SDS # EGP

Product Code EGP

Recommended Use of the Chemical and Restrictions on Use

Recommended Use

Foaming Disinfectant Aerosol

Details of the Supplier of the Safety Data Sheet

Supplier Address:

Atlantic Chemical & Equipment Co. Inc.
3471 Atlanta Ind Pkwy – Ste 200
Atlanta, GA 30331 USA

Emergency Telephone Number

Company Phone Number 1-800-929-2436
Emergency Telephone CHEMTREC at 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 2

Eye Damage/Irritation: Category 1

Signal Word

DANGER

Symbols



Emergency Overview:

Physical State: Liquid

Color: Clear

Odor: Floral

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard(29 CFR 1910.1200).

Hazard Statements

CAUSES SKIN IRRITATION.
CAUSES SERIOUS EYE DAMAGE.

Precautionary Statements-Prevention

Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Precautionary Statements – Storage

Not applicable.

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local, regional and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS
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Chemical Name	CAS No	Weight-%
Water	7732-18-5	75-100
EDTA	64-02-8	1-5
Glycol Ether DB	112-34-5	1-5
Alkyl (68%C12,32%C14)dimethyl ethylbenzyl ammonium chloride (Alternate CAS 68956-79-6)	85409-23-0	0.1
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	0.1

The balance of the chemicals in this mixture are either considered nonhazardous or are below the listing limits for hazardous substances. These chemicals are considered trade secrets. The specific identity of these chemicals is available to health professionals.

4. FIRST AID MEASURES

First Aid Measures**Eye Contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

Skin Contact

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion

IF SWALLOWED: Rinse mouth. Do not induce vomiting or give anything by mouth to an unconscious person. Consult a poison center or doctor.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms Direct contact with eyes causes serious damage. Substance causes skin irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Dry Chemical CO₂, Halon

Unsuitable Extinguishing Media

Do not use water

Specific Hazards Arising from the Chemical

Dried product is capable of burning. Combustion products are toxic.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Methods and Material for Containment and Cleaning Up

Methods for Containment For small spills, absorb on poly-pads or other suitable non-reactive absorbent material. Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Contents under pressure. Do not puncture. Do not use or store near heat or open flame. Exposure to temperatures above 130 degrees F may cause bursting.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACHIH TLV	OSHA PEL	NIOSH IDLH
EDTA 64-02-8	No data available	No data available	No data available
Glycol Ether DB 112-34-5	10 ppm inhalable fraction and vapor TWA	No data available	No data available

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or other biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate Engineering Controls: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Avoid contact with eyes. Wear safety eyewear.
Skin and Body Protection Wear suitable protective clothing. Use impervious gloves.
Respiratory Protection Not required with expected use. Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Floral
Appearance	Clear Liquid	Odor Threshold	Not determined
Color	None		

<u>Property</u>	<u>Values</u>
pH	12
Melting Point/Freezing Point	Not determined
Boiling Point/Boiling Range	212 Deg F
Flash Point	160 (tcp)
Evaporation Rate	(H20=1) =1
Flammability (Solid, Gas)	n/a-liquid
Upper Flammability Limits	UEL=8.5
Lower Flammability Limits	LEL=1.9
Vapor Pressure	20@68F
Vapor Density	Not determined
Specific Gravity	.960
Water Solubility	Soluble in water
Solubility in Other Solvents	Not determined
Partition Coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature Kinematic	Not determined
Viscosity	Not determined
Dynamic Viscosity	Not determined

Explosive Properties Oxidizing
Properties

Not determined
Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong oxidizers

Hazardous Decomposition Products

Carbon Dioxide

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact Causes severe eye damage. **Skin Contact** Causes skin irritation.

Inhalation Irritating to the mucus membranes of the respiratory tract. Nasal discomfort and coughing.

Ingestion May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	90,000 mg/kg (rat)	Data not available	Data not available
EDTA 64-02-8	3,030 mg/kg	>5,000 mg/kg	Data not available
Glycol Ether DB 112-34-5	4,500 mg/kg (rat)	2,764 mg/kg (rabbit)	Data not available

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

ATEmix-oral: mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
EDTA 64-02-8	Data not available	LC50: 1,300 mg/l 96 h	Data not available	Data not available
Glycol Ether DB 112-34-5	Data not available	LC50: Pimephales promelas (fathead minnow): >100 mg/l, 96 h. LC50: Lepomis macrochirus (Bluegill sunfish): 157-2,070 mg/l, 96 h	Data not available	Data not available

Persistence and Degradability

Not determined

Bioaccumulation

Not expected to bioaccumulate significantly.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

- Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

- Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
- DOT** UN1950, Aerosols, 2.1, LTD QTY.
- IATA** Not available.
- IMDG** Not available.
- TDG** Not available.

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No	Weight-%
Glycol Ether DB	112-34-5	1-5

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island
Glycol Ether DB	X		X	

California Prop 65: This product contains no chemicals known to the State of California to cause cancer and reproductive toxicity.

16. OTHER INFORMATION

NFPA

Health Hazards

Flammability

Instability

Special Hazards

Not determined

Not determined

Not determined

Not determined

HMIS

Health Hazards

Flammability

Physical Hazards

Personal Protection

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Revision Date

June-2-2015

Revision Note

Disclaimer

The information provided in this 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 only as a guidance 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 may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet