

SECTION 1 - IDENTIFICATION

Product Identifier
MICRO MONSTER

Other Means of Identification
MM-1, MM-2.5

Recommended Use of the Chemical
Cleaning aluminum finned cooling and heating coils. For professional use only. Product is a concentrate and should be diluted prior to use.

Responsible Party
Name Atlantic Chemical & Equipment Company
Address 3471 Atlanta Industrial Pwky,
Atlanta, GA 30331 USA
Phone 1.800.929.2436
Web acechempro.com

Emergency Phone Number
For Chemical Emergencies call Chemtrec at 1.800.262.8200

SECTION 2 – HAZARD IDENTIFICATION

Classification of the Chemical
Eye Irritation, category 2a

Signal Word
Warning

Hazard Symbols



Hazard Statement(s)
Causes serious eye irritation

Precautionary Statement(s)
Wash hands and exposed skin thoroughly after handling.
Wear protective gloves and eye protection.

IF IN EYES:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

Hazards Not Otherwise Classified
None known

0% of the mixture consists of ingredients of unknown toxicity

Note
Labeling information found on this SDS may be different from label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency

SECTION 3 – COMPOSITION

Ingredient	CAS	wt%	GHS Classification(s)
Alcohols, C9-11 ethoxylated	68439-46-3	<17%	Eye Irritant 2
Citric Acid	77-92-9	<9%	Eye Irritant 2
Sodium Carbonate	497-19-8	<8%	Eye Irritant 2

Trade Secret Claim

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions

SECTION 4 – FIRST AID MEASURES

General First Aid Measures
If medical attention is required then provide product label or

safety data sheet to a medical professional.

Most Important Symptoms

None known

If Inhaled

Move person to fresh air and keep comfortable for breathing.
Administer artificial respiration if person is not breathing.

If on Skin

Wash with soap and water. Take off contaminated clothing and laundry with detergent before reuse.

If in Eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Rinse for at least 10 minutes to ensure proper flushing of material from eye.

If Swallowed

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Drink plenty of water.

Indication of Immediate Medical Attention

Not anticipated to require immediate medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO2 or water spray

Unsuitable Extinguishing Media

None known

Specific Hazards Arising From the Chemical

None known

Hazardous Combustion Products

Carbon oxides

Special Protective Equipment for Fire-fighters

Not determined

Precautions for Fire-Fighters

Not determined

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions

Ensure that the environment is physically safe to be in. Wear personal protective equipment before remedying an accidental release of mixture

Protective Equipment

Wear gloves suitable for chemical resistance. Wear protective eye glasses/goggles. In the event of inadequate air ventilation use artificial breathing apparatuses

Emergency Procedures

Evacuate all non-essential personnel from the area. Ensure that all drains are covered to prevent environmental exposure. Follow methods found in next sub-section: Methods for Containment and Clean Up

Methods for Containment and Clean Up

Provide mechanical ventilation. Soak up with an absorbing agent such as saw dust, sand, or sponges and sweep into a container appropriate for storage. Offer to a licensed waste disposal company for appropriate disposal

References

See Section 7 on safe handling. Section 8 for information on personal protection equipment. See Section 13 for disposal information

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Keep in original container before and after use. Read product

label thoroughly and follow directions as provided in each label's Directions section. Wear protective equipment

suggested in Section 8 even if product label does not recommend use of protective equipment

Conditions for Safe Storage

Store in all original containers/packaging as product label contains important information regarding proper use of chemical. Store appropriate to NFPA ratings found in Section 15 of this SDS.

Storage Incompatibilities

None known

SECTION 8 – PERSONAL PROTECTION

Exposure Limits

Ingredient

CAS

PEL

AGCIH

NIOSH

Contains no ingredients considered hazardous to health in accordance with OSHA Hazard Communication Standards

General Note

Practice good industrial hygiene by washing hands thoroughly before and after use. Keep working areas clean. Ensure proper use of personal protective equipment as recommended in this section

Appropriate Engineering Controls

Ensure adequate mechanical ventilation capable of preventing vapor build up

Eye Protection

Eye glasses or goggles are recommended when using this product. Eye protection should fit user as to minimize risk of exposure as much as possible

Skin Protection

Wear long sleeves and pants to minimize exposure to skin. Wear protective gloves when using this product. Gloves should be chemically resistant to the material. Launder contaminated clothing before reuse. Wear an apron if usage of chemical is anticipated to expose user to a large quantity of material

Respiratory Protection

Not anticipated to require personal breathing apparatuses for use or other respiratory protection equipment

SECTION 9 – CHEMICAL PROPERTIES

Appearance

Clear yellow liquid

Odor

Not determined

Odor Threshold

Not determined

pH

8.0-10.0

Melting Point

Not determined

Boiling Point

Not determined

Flash Point

Not determined

Evaporation Rate

Not determined

Flammability

Not determined

Upper Explosive %

Not determined

Lower Explosive %

Not determined

Vapor Density

Not determined

Relative Density

Not determined

Solubility

Not determined

Partition Coefficient

Not determined

Auto-Ignition Temp

Not determined

Decomposition Temp

Not determined

Viscosity

Not determined

SECTION 10 – STABILITY AND REACTIVITY

Reactivity

Material is not anticipated to be reactive

Chemical Stability

Material is anticipated to be stable in normal storage conditions when not exposed to any incompatible materials



Possibility of Hazardous Reactions

None known

Conditions to Avoid

Ensure that chemical is not exposed to heat, direct sunlight, or sources of ignition

Incompatible Materials

Not determined

Hazardous Decomposition Products

Not anticipated to produce any hazardous decomposition products beyond any health risk

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates

Oral – Contains no ingredient(s) considered toxic
Dermal – Contains no ingredient(s) considered toxic
Inhalation - Contains no ingredient(s) considered toxic

Aspiration Hazard

Contains no ingredient(s) which pose a risk in this category

Carcinogenicity

Contains no ingredient(s) which pose a risk in this category

Eye Damage/Irritation

Contains ingredients which pose a risk in this category

Germ Cell Mutagenicity

Contains no ingredient(s) which pose a risk in this category

Reproductive Toxicity

Contains no ingredient(s) which pose a risk in this category

Respiratory Sensitization

Contains no ingredient(s) which pose a risk in this category

Skin Corrosion/Irritation

Contains no ingredient(s) which pose a risk in this category

Skin Sensitization

Contains no ingredient(s) which pose a risk in this category

Specific Target Organ Toxicity – Repeated Exposure

Contains no ingredient(s) which pose a risk in this category

Specific Target Organ Toxicity – Single Exposure

Contains no ingredient(s) which pose a risk in this category

Delayed and Immediate Effects From Short- and Long-Term Exposure

Not determined

Symptoms related to the Chemical Characteristics

Not determined

National Toxicology Program Listing

No ingredient(s) listed as possibly carcinogenic

International Agency for Research on Cancer Listing

No ingredient(s) listed as possibly carcinogenic

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity Estimated Values

Algae Contains no ingredient(s) considered toxic
Fish Contains no ingredient(s) considered toxic
Crustacea Contains no ingredient(s) considered toxic

Persistence and Degradability

Not determined

Other Adverse Effects

Not determined

Bioaccumulative Potential

Not determined

Mobility in Soil

Not determined

The logo for Ace, featuring the word "Ace" in a large, stylized, red font. The letter "A" is significantly larger and more prominent than the "ce". A registered trademark symbol (®) is located to the right of the "e".

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal of Empty Containers
Empty container can be recycled

Disposal of Material
Dispose of full or partially full containers by offering material to a licensed waste management company and follow all local regulations on proper disposal of material

SECTION 14 – TRANSPORTATION INFORMATION

Hazard Placards Not a regulated mixture	UN Number Not a regulated mixture	UN Shipping Name Not a regulated mixture
Special Precautions Keep in original container. Do not store excessive weight on top	Technical Name(s) Not a regulated mixture	Hazard Class(es) Not a regulated mixture
	Packaging group Not a regulated mixture	Limited Quantity Not a regulated mixture
	Marine Pollutant No	Transport in Bulk Not determined

SECTION 15 – REGULATORY INFORMATION

SARA 311	Sodium Carbonate; Citric Acid
SARA 312	Sodium Carbonate; Citric Acid
SATA 313	No applicable ingredient(s)

TSCA Inventory List
All ingredients in this mixture are on the TSCA inventory list as active or exempt.

California	
Prop65	No applicable ingredient(s)
ARB Designation	Single Purpose Cleaner
VOC Limit	Not applicable

HMIS®III (higher numbers indicate higher risk)

Health	1
Flammability	0
Physical Hazard	0

NFPA (higher numbers indicate higher risk)

Health	1
Flammability	0
Instability	0

SECTION 16 – OTHER INFORMATION

Revision History
June 2021 SDS Review and re-authoring

General Disclaimer
All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all

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- END SAFETY DATA SHEET -

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