

## SECTION 1 Identification

### 1.1. Product identifier

Product form : Mixture  
Product name : Ultra-Sonic Cleaner #2  
Product code : USC #2

### 1.2. Other means of identification

No additional information available

### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Tarter and Stain Remover  
Restrictions on use : Not for medical use

### 1.4. Supplier's details

Garreco, LLC  
430 Hiram Road  
Heber Springs, AR 72543  
T (800) 334-1443

### 1.5. Emergency phone number

Emergency number : CHEMTRAC 1-800-424-9300  
CCN9105

## SECTION 2 Hazard Identification

### 2.1. Classification of the substance or mixture

#### GHS US classification

Skin corrosion/irritation, Category 1C	H314	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Full text of H statements : see section 16		

### 2.2. Label elements

#### GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US) : Danger  
Hazard statements (GHS US) : H314 - Causes severe skin burns and eye damage  
Precautionary statements (GHS US) : P260 - Do not breathe mist, vapors, spray.  
P264 - Wash hands thoroughly after handling.  
P280 - Wear protective gloves, eye protection.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363 - Take off immediately all contaminated clothing and wash it before reuse.

# Ultra-Sonic Cleaner #2

## Safety Data Sheet

3.10.20-FM No.A955

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P405 - Store locked up.  
P501 - Dispose of to an approved waste disposal plant to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%
sulphamidic acid, sulphamic acid, sulfamic acid	CAS-No.: 5329-14-6	10 – 30

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : Call a physician immediately.  
First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  
First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Get immediate medical advice/attention.  
First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.  
First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.  
Personal protection for first-aid responders. : First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Most important symptoms/effects, acute and delayed

Inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).  
Skin : Causes severe burns.  
Eyes : Serious damage to eyes.  
Ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Get immediate medical attention.

# Ultra-Sonic Cleaner #2

## Safety Data Sheet

3.10.20-FM No.A955

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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.  
Unsuitable extinguishing media : None.

#### 5.2. Specific hazards arising from the chemical

Fire hazard : This product is not classified as flammable or combustible.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear suitable protective clothing. Avoid contact with eyes, skin and clothing.

##### For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes. Do not breathe vapors, spray.

##### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions : Avoid release to the environment.

#### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

For further information refer to section 8: "Exposure controls/personal protection"

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Wear personal protective equipment. Do not breathe mist, vapors. Avoid contact with eyes, skin and clothing. Wash hands with water and soap. Ensure adequate ventilation.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store locked up.  
Incompatible materials : Strong oxidizing agents.

# Ultra-Sonic Cleaner #2

## Safety Data Sheet

3.10.20-FM No.A955

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### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : No particular/specific measures required.  
Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures, such as personal protective equipment

<b>Materials for protective clothing:</b>	
Impervious clothing	
<b>Hand protection:</b>	
Wear suitable gloves	
<b>Eye protection:</b>	
Chemical goggles	
<b>Skin and body protection:</b>	
Impervious clothing	
<b>Respiratory protection:</b>	
In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.	

### SECTION 9 Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Color	: Clear, colorless liquid
Odor	: None
Odor threshold	: No data available
pH	: 2 – 3
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: ≈ 200 °F
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: Particle characteristics : Not applicable

# Ultra-Sonic Cleaner #2

## Safety Data Sheet

3.10.20-FM No.A955

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### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### sulphamidic acid, sulphamic acid, sulfamic acid (5329-14-6)

LD50 oral rat	2140 mg/kg body weight Animal: rat, Animal sex: female
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation : Causes severe skin burns.  
pH: 2 – 3

Serious eye damage/irritation : Causes serious eye damage.  
pH: 2 – 3

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

#### sulphamidic acid, sulphamic acid, sulfamic acid (5329-14-6)

STOT-single exposure	May cause respiratory irritation.
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# Ultra-Sonic Cleaner #2

## Safety Data Sheet

3.10.20-FM No.A955

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Inhalation	: Inhalation may cause irritation (cough, short breathing, difficulty in breathing).
Skin	: Causes severe burns.
Eyes	: Serious damage to eyes.
Ingestion	: Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Ecology - general	: Before neutralization, the product may represent a danger to aquatic organisms.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

sulphamidic acid, sulphamic acid, sulfamic acid (5329-14-6)	
LC50 - Fish [1]	70.3 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	71.6 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	48 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	33.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	34 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	19 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 60 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '34 d'
NOEC chronic algae	18 mg/l

### 12.2. Persistence and degradability

#### Ultra-Sonic Cleaner #2

Persistence and degradability	No additional information available.
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#### sulphamidic acid, sulphamic acid, sulfamic acid (5329-14-6)

Persistence and degradability	Not rapidly degradable
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### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone	: Not classified
Fluorinated greenhouse gases	: No

# Ultra-Sonic Cleaner #2

## Safety Data Sheet

3.10.20-FM No.A955





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### SECTION 13 Disposal considerations

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
UN2967	UN2967	2967	2967
<b>14.2. Proper Shipping Name</b>			
Sulfamic acid (Solution)	SULPHAMIC ACID (Solution)	SULPHAMIC ACID (Solution)	Sulphamic acid (Solution)
<b>14.3. Transport hazard class(es)</b>			
8	8	8	8
			
<b>14.4. Packing group</b>			
III	III	III	III
<b>14.5. Environmental hazards</b>			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

#### 14.6. Transport in bulk

Not applicable

#### 14.7. Special precautions for user

##### DOT

UN-No. (DOT) : UN2967

##### TDG

UN-No. (TDG) : UN2967

Emergency Response Guide (ERG) Number : 154

##### IMDG

No data available

##### IATA

No data available

# Ultra-Sonic Cleaner #2

## Safety Data Sheet

3.10.20-FM No.A955

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

### SECTION 15 Regulatory information

#### 15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### 15.2. International regulations

##### CANADA

##### sulphamidic acid, sulphamic acid, sulfamic acid (5329-14-6)

Listed on the Canadian DSL (Domestic Substances List)

##### EU-Regulations

No additional information available

##### National regulations

##### sulphamidic acid, sulphamic acid, sulfamic acid (5329-14-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

#### 15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
sulphamidic acid, sulphamic acid, sulfamic acid(5329-14-6)	U.S. - New Jersey - Right to Know Hazardous Substance List

### SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Revision date : 11/14/2024

Issue date : 11/14/2024

#### Full text of hazard classes and H-statements

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Garreco Reviewer: Reviewed and approved by Kristofer Mainar on 09/08/25

GAR QMS 3.21.10-LG EXTERNAL REFERENCE: A952