

# SAFETY DATA SHEET

## ICPMS Cone Cleaning Detergent

### Section 1. Identification

**GHS product identifier** : ICPMS Cone Cleaning Detergent  
**Part no.** : 5188-5359

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** : Reagents and Standards for Analytical Chemistry Laboratory Use  
 Cleaning solutions.  
 Citranox.  
 1 Gallon

**Supplier/Manufacturer** : Agilent Technologies, Inc.  
 5301 Stevens Creek Blvd  
 Santa Clara, CA 95051, USA  
 800-227-9770

**Emergency telephone number (with hours of operation)** : CHEMTREC®: 1-800-424-9300


### Section 2. Hazards identification

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

**Classification of the substance or mixture**

H315 SKIN IRRITATION - Category 2  
 H318 SERIOUS EYE DAMAGE - Category 1  
 Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 18.5%

**GHS label elements**

**Hazard pictograms** : 

**Signal word** : Danger

**Hazard statements** : H315 - Causes skin irritation.  
 H318 - Causes serious eye damage.

**Precautionary statements**

**Prevention** : P280 - Wear protective gloves. Wear eye or face protection.  
 P264 - Wash thoroughly after handling.

**Response** : P302 + P352 - IF ON SKIN: Wash with plenty of water.  
 P362 + P364 - Take off contaminated clothing and wash it before reuse.  
 P305 + P351 + P338, P310 - 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.

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Other hazards**

## Section 2. Hazards identification

**Hazards not otherwise classified** :  None known.

**Hazards identified when used** :  No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

Ingredient name	Synonyms	%	Identifiers
<input checked="" type="checkbox"/> Citric acid	-	≥10 - ≤20	CAS: 77-92-9
glycolic acid	-	≥7 - ≤13	CAS: 79-14-1
Benzenesulfonic acid, C10-16-alkyl derivs. , compds. with 2-propanamine	-	≥5 - ≤10	CAS: 68584-24-7
2,2',2''-Nitrilotriethanol	-	≥1 - ≤5	CAS: 102-71-6
Alcohols, C12-14-secondary, ethoxylated	-	≥1 - ≤5	CAS: 84133-50-6

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** :  Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** :  Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** :  Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** :  Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Section 4. First aid measures

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

#### Potential acute health effects

- Eye contact** :  Causes serious eye damage.
- Inhalation** :  No known significant effects or critical hazards.
- Skin contact** :  Causes skin irritation.
- Ingestion** :  No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** :  Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** :  No specific data.
- Skin contact** :  Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur
- Ingestion** :  Adverse symptoms may include the following:  
stomach pains

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

- Notes to physician** :  In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** :  No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** :  Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
sulfur oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Methods for cleaning up** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

### Occupational exposure limits

## Section 8. Exposure controls/personal protection

Ingredient name	Exposure limits
<input checked="" type="checkbox"/> Citric acid <input type="checkbox"/> glycolic acid <input type="checkbox"/> Benzenesulfonic acid, C10-16-alkyl derivs., compds. with <input type="checkbox"/> 2-propanamine <input type="checkbox"/> 2,2',2''-Nitrilotriethanol  <input type="checkbox"/> Alcohols, C12-14-secondary, ethoxylated	None. None. None.  <b>CAL OSHA PEL (United States, 1/2025)</b> TWA 8 hours: 5 mg/m <sup>3</sup> . <b>ACGIH TLV (United States, 1/2024)</b> TWA 8 hours: 5 mg/m <sup>3</sup> . None.

### Biological exposure indices

No exposure indices known.

**Appropriate engineering controls** :  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.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** :  Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

### Skin protection

**Hand protection** :  Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

<b>Physical state</b>	: Liquid.
<b>Color</b>	: Yellow. [Light]
<b>Odor</b>	: Fruity. [Slight]
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: 2.5 [Conc. (% w/w): 1%]
<b>Melting point/freezing point</b>	: Not available.
<b>Boiling point or initial boiling point and boiling range</b>	: 103°C (217.4°F)

<b>Flash point</b>	:	<b>Closed cup</b>			<b>Open cup</b>		
		<b>Ingredient name</b>	<b>°C</b>	<b>°F</b>	<b>Method</b>	<b>°C</b>	<b>°F</b>
		Citric acid	100	212	-	-	-
		2,2',2"-Nitrilotriethanol	185	365	Setaflash	-	-

**Evaporation rate** : <1 (butyl acetate = 1)

**Flammability** : Not applicable.

**Lower and upper explosion limit/flammability limit** : Not available.

<b>Vapor pressure</b>	:	<b>Vapor Pressure at 20°C</b>			<b>Vapor pressure at 50°C</b>			
		<b>Ingredient name</b>	<b>mm Hg</b>	<b>kPa</b>	<b>Method</b>	<b>mm Hg</b>	<b>kPa</b>	<b>Method</b>
		water	17.5	2.3	-	92.258	12.3	-
		2,2',2"-Nitrilotriethanol	<0.0075	<0.001	-	-	-	-

**Relative vapor density** : Not available.

**Relative density** : 1.11

**Density** : 1.11 g/cm<sup>3</sup> [20°C (68°F)]

<b>Solubility(ies)</b>	:	<b>Media</b>	<b>Result</b>
		water	Soluble

**Miscible with water** : Yes.

**Partition coefficient: n-octanol/water** : Not applicable.

<b>Auto-ignition temperature</b>	:	<b>Ingredient name</b>	<b>°C</b>	<b>°F</b>	<b>Method</b>
		2,2',2"-Nitrilotriethanol	324	615.2	-
		Citric acid	1010	1850	-

**Decomposition temperature** : Not available.

**Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): Not available.

### Particle characteristics

**Median particle size** : Not applicable.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: May react or be incompatible with oxidizing materials.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	
citric acid	Rat - Oral - LD50	3 g/kg
	Rat - Male, Female - Dermal - LD50	>2000 mg/kg
glycolic acid	Rat - Oral - LD50	1938 mg/kg
	Rat - Inhalation - LC50 Dusts and mists	3600 mg/m <sup>3</sup> [4 hours]
2,2',2''-Nitrilotriethanol	Rat - Oral - LD50	7.39 g/kg
<b>Conclusion/Summary [Product]</b>	: Not available.	

#### Skin corrosion/irritation

Product/ingredient name	Result	
citric acid	Rabbit - Skin - Mild irritant	Duration of treatment/ exposure: 24 hours
	Rabbit - Skin - Moderate irritant	-
glycolic acid	Rabbit - Skin - Severe irritant	-
	Human - Skin - Moderate irritant	Duration of treatment/ exposure: 24 hours
2,2',2''-Nitrilotriethanol	Rabbit - Skin - Mild irritant	Duration of treatment/ exposure: 24 hours
<b>Conclusion/Summary [Product]</b>	: Not available.	

#### Serious eye damage/eye irritation

Product/ingredient name	Result	
citric acid	Rabbit - Eyes - Severe irritant	Duration of treatment/ exposure: 24 hours
glycolic acid	Rabbit - Eyes - Severe irritant	-
	Rabbit - Eyes - Severe irritant	-
2,2',2''-Nitrilotriethanol	Rabbit - Eyes - Mild irritant	-
	Rabbit - Eyes - Severe irritant	-
<b>Conclusion/Summary [Product]</b>	: Not available.	

## Section 11. Toxicological information

### Respiratory corrosion/irritation

#### Product/ingredient name

**Conclusion/Summary** : Not available.  
**[Product]**

### Respiratory or skin sensitization

#### Skin

**Conclusion/Summary** :  May cause skin sensitization.  
**[Product]**

#### Respiratory

**Conclusion/Summary** : Not available.  
**[Product]**

### Germ cell mutagenicity

**Conclusion/Summary** : Not available.  
**[Product]**

### Carcinogenicity

Not available.

**Conclusion/Summary** : Not available.  
**[Product]**

#### Classification

Product/ingredient name	OSHA	IARC	NTP
<input checked="" type="checkbox"/> 2',2''-Nitrilotriethanol	-	3	-

### Reproductive toxicity

**Conclusion/Summary** : Not available.  
**[Product]**

### Specific target organ toxicity (single exposure)

#### Product/ingredient name

#### Result

Citric acid

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

Alcohols, C12-14-secondary, ethoxylated

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

### Potential acute health effects

**Eye contact** :  Causes serious eye damage.

**Inhalation** :  No known significant effects or critical hazards.

## Section 11. Toxicological information

- Skin contact** :  Causes skin irritation.
- Ingestion** :  No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** :  Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** :  No specific data.
- Skin contact** :  Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur
- Ingestion** :  Adverse symptoms may include the following:  
stomach pains

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

- Conclusion/Summary [Product]** : Not available.
- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
<input checked="" type="checkbox"/> ICPMS Cone Cleaning Detergent	4049.3	13583.3	N/A	N/A	28.2
Citric acid	3000	2500	N/A	N/A	N/A
glycolic acid	1938	N/A	N/A	N/A	3.6
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with 2-propanamine	500	N/A	N/A	N/A	N/A
2,2',2''-Nitrilotriethanol	7390	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	
<input checked="" type="checkbox"/> Citric acid	Acute - LC50 - Marine water	160 mg/l [48 hours]
2,2',2''-Nitrilotriethanol	Acute - LC50 - Fresh water	11.8 g/l [96 hours]
	Chronic - NOEC - Fresh water	16 mg/l [21 days]
	Acute - EC50 - Fresh water	609.98 mg/l [48 hours]

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

**Conclusion/Summary [Product]** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
<input checked="" type="checkbox"/> Citric acid	-	-	Readily
glycolic acid	-	-	Readily
2,2',2''-Nitrilotriethanol	-	-	Readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
<input checked="" type="checkbox"/> Citric acid	-1.8	-	Low
glycolic acid	<0.3	-	Low
2,2',2''-Nitrilotriethanol	-1	<3.9 [OECD 305]	Low

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** :  The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

**DOT / TDG / Mexico / IMDG / IATA** : Not regulated.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 14. Transport information

**Transport in bulk according to IMO instruments** : Not available.

## Section 15. Regulatory information

[Safety, health and environmental regulations/legislation specific for the substance or mixture](#)

**U.S. Federal regulations** :  Commerce control list precursor: 2,2',2''-Nitrilotriethanol

### [TSCA 12\(b\) - Chemical export notification](#)

Not applicable.

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### [SARA 302/304](#)

#### [Composition/information on ingredients](#)

No products were found.

**SARA 304 RQ** : Not applicable.

### [SARA 311/312](#)

**Classification** :  SKIN IRRITATION - Category 2  
 SERIOUS EYE DAMAGE - Category 1

#### [Composition/information on ingredients](#)

Name	%	Classification
<input checked="" type="checkbox"/> Citric acid	≥10 - ≤20	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
glycolic acid	≥7 - ≤13	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION - Category 1B SERIOUS EYE DAMAGE - Category 1
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with 2-propanamine	≥5 - ≤10	HNOC - Corrosive to digestive tract ACUTE TOXICITY (oral) - Category 4 EYE IRRITATION - Category 2A
2,2',2''-Nitrilotriethanol	≥1 - ≤5	EYE IRRITATION - Category 2A
Alcohols, C12-14-secondary, ethoxylated	≥1 - ≤5	SKIN IRRITATION - Category 2 SERIOUS EYE DAMAGE - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

### [State regulations](#)

**Massachusetts** :  The following components are listed: TRIETHANOLAMINE

**New York** : None of the components are listed.

**New Jersey** :  The following components are listed: TRIETHANOLAMINE

**Pennsylvania** :  The following components are listed: ETHANOL, 2,2',2''-NITRILOTRIS-

## Section 15. Regulatory information

### California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Ingredient name	List name	Status
Triethanolamine	Schedule III	Listed

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

<b>Australia</b>	: All components are listed or exempted.
<b>Canada</b>	: All components are listed or exempted.
<b>China</b>	: <input checked="" type="checkbox"/> Not determined.
<b>Japan</b>	: <input checked="" type="checkbox"/> <b>Japan inventory (CSCL):</b> Not determined. <b>Japan inventory (ISHL):</b> Not determined.
<b>New Zealand</b>	: All components are listed or exempted.
<b>Philippines</b>	: <input checked="" type="checkbox"/> Not determined.
<b>Republic of Korea</b>	: <input checked="" type="checkbox"/> Not determined.
<b>Taiwan</b>	: All components are listed or exempted.
<b>Thailand</b>	: All components are listed or exempted.
<b>Turkey</b>	: <input checked="" type="checkbox"/> Not determined.
<b>United States</b>	: All components are active or exempted.
<b>Viet Nam</b>	: All components are listed or exempted.

## Section 16. Other information

### Procedure used to derive the classification

Classification	Justification
SKIN IRRITATION - Category 2 SERIOUS EYE DAMAGE - Category 1	Expert judgment Expert judgment

### History

<b>Date of issue/Date of revision</b>	: 11/03/2025
<b>Date of previous issue</b>	: 05/22/2024
<b>Version</b>	: 10

## Section 16. Other information

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
DOT = Department of Transportation  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
IMO = International Maritime Organization  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
TDG = Transportation of Dangerous Goods  
UN = United Nations

📌 Indicates information that has changed from previously issued version.

### Notice to reader

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