

**Safety Data Sheet**  
**acc. to OSHA HCS**

Printing date 07/02/2024

Version 4.0

Last revision 06/01/2024

**\* 1 Identification**

- **Product name:** Micro Organic Soap (Undiluted)
- **Part number:** 148-10000
- **Application of the substance / the mixture** Cleaning agent/ Cleaner
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Allied High Tech Products Inc.  
16207 Carmenita Road  
USA-Cerritos, CA, 90703  
USA  
info@alliedhightech.com
- **Information department:** Product safety department
- **Emergency telephone number:**  
During normal opening times: +1 (310) 635-2466  
Chemtrec: +1 (202) 483-7616

**2 Hazard(s) identification**

- **Classification of the substance or mixture**



GHS05 Corrosion

Eye Damage 1

H318 Causes serious eye damage.



GHS07

Acute Toxicity - Oral 4 H302 Harmful if swallowed.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS05

GHS07

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
tetrasodium ethylenediaminetetraacetate
- **Hazard statements**  
Harmful if swallowed.  
Causes serious eye damage.

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**Product name: Micro Organic Soap (Undiluted)**

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**· Precautionary statements**

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear eye protection / face protection.

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

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/doctor.

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

### \* 3 Composition/information on ingredients

**· Chemical characterization: Mixtures****· Description:** Mixture of the substances listed below with nonhazardous additions.**· Hazardous components and components with occupational exposure limits:**

64-02-8	tetrasodium ethylenediaminetetraacetate	⚠ Eye Damage 1, H318; ⚠ Acute Toxicity - Oral 4, H302	10-<25%
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**· Non-hazardous components:**

26447-10-9	Benzenesulfonic acid, dimethyl-, ammonium salt	5-<10%
68584-25-8	benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	5-<10%

**· Additional information:** The specific chemical identity and/or exact percentage of the composition has been withheld as a trade secret.

### 4 First-aid measures

**· Description of first aid measures****· General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**· After inhalation:** Supply fresh air; consult doctor in case of complaints.**· After skin contact:** Generally the product does not irritate the skin.**· After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.**· After swallowing:** Immediately call a doctor.**· Information for doctor:****· Most important symptoms and effects, both acute and delayed**

Breathing difficulty

Coughing

Eye irritation

**· Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### 5 Fire-fighting measures

**· Extinguishing media****· Suitable extinguishing agents:**

Water spray

Alcohol resistant foam

BC powder

Carbon dioxide

Use fire fighting measures that suit the environment.

**· Special hazards arising from the substance or mixture** No further relevant information available.**· Advice for firefighters****· Protective equipment:** No special measures required.

### 6 Accidental release measures

**· Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.**· Environmental precautions:** No special measures required.**· Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralizing agent.

Dispose contaminated material as waste according to section 13.

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- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 Handling and storage

- **Handling:**

- **Precautions for safe handling** No special precautions are necessary if used correctly.

- **Information about protection against explosions and fires:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Store at temperatures not exceeding 43°C.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:** Keep receptacle tightly sealed.

- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No additional data. See 7.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

- **Breathing equipment:**

Not required.

Use suitable respiratory protective device in case of insufficient ventilation.

- **Protection of hands:**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Eye protection:**



Tightly sealed goggles

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## 9 Physical and chemical properties

· <b>Information on basic physical and chemical properties</b> · <b>General Information</b> · <b>Appearance:</b> <b>Form:</b> Liquid <b>Color:</b> Yellow · <b>Odor:</b> Ammonia-like · <b>Odor threshold:</b> Not determined.	
· <b>pH-value at 20 °C (68 °F):</b>	9.5
· <b>Change in condition</b> <b>Melting point/Melting range:</b> -8 °C (17.6 °F) <b>Boiling point/Boiling range:</b> 100 °C (212 °F)	
· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b> <b>Lower:</b> Not determined. <b>Upper:</b> Not determined.	
· <b>Vapor pressure:</b>	Not determined.
· <b>Density at 20 °C (68 °F):</b>	1.13 g/cm <sup>3</sup> (9.43 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b> <b>Dynamic:</b> Not determined. <b>Kinematic at 20 °C (68 °F):</b> 8.734 mm <sup>2</sup> /s	
· <b>Solvent content:</b>	
<b>VOC content:</b>	0.00 %
<b>Solids content:</b>	1.0 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide
- **Additional information:**  
May etch aluminum, zinc, steel, copper and plastic materials over an extended period of time. Do not mix with other cleaners.

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Hazardous decomposition products may form during combustion.

## 11 Toxicological information

### · Information on toxicological effects

#### · Acute toxicity:

#### · LD/LC50 values that are relevant for classification:

Oral	LD50	1,980 mg/kg (ATE)
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#### 64-02-8 tetrasodium ethylenediaminetetraacetate

Oral	LD50	500 mg/kg (ATE)
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#### · Primary chemical irritant effect:

#### · on the skin:

 No irritant effect.

#### · on the eye:

 Strong irritant with the danger of severe eye injury.

#### · Sensitization:

 No sensitizing effects known.

#### · Additional toxicological information:

#### · Carcinogenic categories

#### · IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

#### · NTP (National Toxicology Program)

None of the ingredients is listed.

#### · OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

## 12 Ecological information

### · Toxicity

#### · Aquatic toxicity:

EC50 (48 h)	47 mg/l (fathead minnows)
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#### · Persistence and degradability

 No further relevant information available.

#### · Behavior in environmental systems:

#### · Bioaccumulative potential

 No further relevant information available.

#### · Mobility in soil

 No further relevant information available.

#### · Additional ecological information:

#### · General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Danger to drinking water if even small quantities leak into the ground.

#### · Results of PBT and vPvB assessment

#### · PBT:

 Not applicable.

#### · vPvB:

 Not applicable.

#### · Other adverse effects

 No further relevant information available.

## 13 Disposal considerations

### · Waste treatment methods

#### · Recommendation:

 Contact waste processors for recycling information.

### · Uncleaned packagings:

#### · Recommendation:

 Disposal must be made according to official regulations.

#### · Recommended cleansing agent:

 Water, if necessary with cleansing agents.

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## 14 Transport information

· UN-Number	
· DOT, IMDG, IATA	not regulated
· UN proper shipping name	
· DOT, IMDG, IATA	not regulated
· Transport hazard class(es)	
· DOT, ADN, IMDG, IATA	
· Class	not regulated
· Packing group	
· DOT, IMDG, IATA	not regulated
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	not regulated

## 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

· Hazardous Air Pollutants

None of the ingredients is listed.

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 16 Other information

To the best of our knowledge, the information contained herein is accurate. However, it does not describe a guarantee of product properties and does not establish a contractual legal relationship.

· Department issuing SDS: Technical Services

· Contact: Pablo Mendoza

· Last revision / supersedes version: 06/01/2024 / 3.0

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**Product name: Micro Organic Soap (Undiluted)**

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· **Supersedes date:** 06/01/2022

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Toxicity - Oral 4: Acute toxicity – Category 4

Eye Damage 1: Serious eye damage/eye irritation – Category 1

· **\* Data compared to the previous version altered.**