

SAFETY DATA SHEET (SDS)

ALIVE BACTERIA

Manufactured By: Qual Chem Corp
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SDS DATE: 5-26-15

This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this SDS must be given to the buyer or the information incorporated in your SDS.

Section 1: Product Identification

Product ID: 30340, 30342

Product Name: ALIVE BACTERIA

Intended Use: Enzyme Drain Treatment and odor control.

Comments: Qual Chem Hours of operation are 9 am to 5:00 pm PCT.

For MEDICAL EMERGENCIES, call the POISON CONTROL CENTER 24 hours a day to (888) 740-8712

Section 2: Hazard(s) Identification

Classification of the substance or mixture



GHS07

Skin Sens. May cause an allergic skin reaction.

Category 1

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Symbol



GHS07

Signal word

Warning

Hazard-determining components of labeling:

Sodium lauryl sulfate ; 1,2-benzisothiazol-3(2H)-one

Hazard statements

May cause an allergic skin reaction.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work

clothing should not be allowed out of the workplace.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

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

Classification system:**NFPA ratings (scale 0 - 4)**

Health = 0

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 0

Fire = 0

Reactivity = 0

Section 3: Composition/information on ingredients**Mixture Description:** Mixture of the substances listed below with nonhazardous additions.

Chemical name	CAS number	%
Sodium Lauryl Sulfate	151-23-3	< 2.5
Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335		
Bronopol (INN)	52-51-7	< 2.5
Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335		

Section 4: First-Aid Measures**Description of first aid measures**

After inhalation: Supply fresh air and to be sure call for a doctor.
In case of unconsciousness, place patient securely on side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

Most important symptoms and effects, both acute and delayed. No further relevant information available.

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

Section 5: Fire-fighting Measures**Extinguishing media****Suitable extinguishing agents:** CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture.** No further relevant information available.**Advice for firefighters****Protective equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.**Section 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures.** Not required.**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.**Methods and material for containment and cleaning up:** Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

Dispose of the collected material according to regulations.

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.

Section 7: Handling and Storage

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

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: No special requirements.

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

Further information about storage conditions: None.

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

Section 8: Exposure controls/personal protection

Additional information about design of technical systems: No further data; see section 7.

Control parameters

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

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures: Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Breathing equipment: Not required.

Protection of hands: Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Select glove material based on penetration times, rates of diffusion and 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 cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

Eye protection: Goggles recommended during refilling.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid
Color: Clear

Odor: Odorless

Odor threshold: Not determined.

pH-value: Not determined.

Change in condition	
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0.0 Vol %
Upper:	0.0 Vol %
Vapor pressure @ 20 °C (68 °F):	23 hPa (17 mm Hg)
Density:	
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	0.0 %
Water:	95.8 %
Solids content:	1.9 %
Other information	No further relevant information available.

Section 10: Stability and Reactivity

Reactivity	No further relevant information available.
Chemical stability	Stable under normal conditions.
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:	No dangerous decomposition products known.

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin:	No irritating effect.
on the eye:	No irritating effect.
Sensitization:	Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

Carcinogenic categories: None of the ingredients listed are on IARC, NTP, OSHA-Ca

Section 12: Ecological Information

Toxicity

Aquatic toxicity:	No further relevant information available.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
Additional ecological information:	

General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water

Results of PBT and vPvB assessment

PBT:	Not applicable.
vPvB:	Not applicable.
Other adverse effects	No further relevant information available.

Section 13: Disposal Considerations

Waste treatment methods

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Section 14: Transportation

UN-Number

DOT, ADR, ADN, IMDG, IATA Non-Regulated Material

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA Non-Regulated Material

Environmental hazards:

Marine pollutant: No

Special precautions for user Not applicable.

Section 15: Regulatory Information

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

SARA Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (Specific toxic chemical listings): bronopol (INN) CAS # 52-51-7

TSCA (Toxic Substances Control Act):

Sodium lauryl sulfate	151-21-3
bronopol (INN)	52-51-7
dipotassium hydrogenorthophosphate	7758-11-4
dipropylene glycol	25265-71-8
Potassium Phosphate	7778-77-0
1,2-benzisothiazol-3(2H)-one	2634-33-5
caustic soda	1310-73-2
water, distilled	7732-18-5

Proposition 65 for California : None of the ingredients are listed .

Carcinogenic categories

EPA (Environmental Protection Agency): None of the ingredients are listed .

TLV (Threshold Limit Value established by ACGIH): None of the ingredients are listed .

NIOSH-Ca (National Institute for Occupational Safety and Health): This product is listed as a hazardous material under criteria of the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



Signal word: Warning

Hazard-determining components of labeling: Sodium lauryl sulfate ; 1,2-benzisothiazol-3(2H)-one

Hazard statements: May cause an allergic skin reaction.

Precautionary statements:

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Specific treatment (see on this label).

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN: Wash with plenty of water.

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

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

Section 16: Other Information

Disclaimer: The data contained herein are based on information currently available to Sungro Products, LLC and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which Sungro Products, LLC assumes legal responsibility.

End of Safety Data Sheet.

SDS PREP DATE: 10/06/2014

SDS REVISION DATE: 5/26/2015