



# SAFETY DATA SHEET

Issuing Date 22-Jul-2014

Revision Date 30-Mar-2015

Revision Number 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** Liquid Alive® Odor Digester

### Other means of identification

**Product Code(s)** 33601, 33605, 33632, 33655, 33695

**Synonyms** None

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

**Recommended Use** Cleaner & Digester

**Uses advised against** No information available

### Supplier's details

**Supplier Address**  
ITW PRO BRANDS  
805 E. Old 56 Highway  
Olathe, KS 66061  
TEL: 1-800-443-9536

### Emergency telephone number

**Emergency Telephone Number** 800-535-5053 Infotrac

## 2. HAZARDS IDENTIFICATION

### Classification

This product is considered hazardous by the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Serious Eye Damage/Eye Irritation	Category 2A
Skin Sensitization	Category 1

### GHS Label elements, including precautionary statements

### Emergency Overview

<b>Signal Word</b>	<b>Warning</b>
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**Hazard Statements**

- Causes serious eye irritation
- May cause an allergic skin reaction

**Appearance** Opaque white**Physical State** Liquid.**Odor** Neutra Gamma**Precautionary Statements****Prevention**

- Wash face, hands and any exposed skin thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- None

**Eyes**

- 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/attention.

**Skin**

- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.

**Inhalation**

- None

**Ingestion**

- None

**Fire**

- None

**Spills and Leaks**

- None

**Storage**

- None

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

No information available.

5.114% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %	Trade secret
Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	68081-81-2	1-5	*
1,2-Benzisothiazolin-3-one	2634-33-5	< 0.1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

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

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation persists.
<b>Skin Contact</b>	Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Remove and wash contaminated clothing before re-use.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors or decomposition products. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Get medical attention if symptoms occur.
<b>Protection of First-aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

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

**Most Important Symptoms/Effects** Itching Rashes Irritation.

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

**Notes to Physician** May cause sensitization of susceptible persons.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None

##### Specific Hazards Arising from the Chemical

May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous Combustion Products** Carbon oxides. Hydrocarbons. Hydrogen sulfide. Sulfur dioxide. Smoke Soot.

##### Explosion Data

**Sensitivity to Mechanical Impact** None.  
**Sensitivity to Static Discharge** None.

##### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions** Use personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

##### Environmental Precautions

**Environmental Precautions** Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Dam up. Soak up with inert absorbent material. Use personal protective equipment. Clean up promptly by sweeping or vacuum.

**7. HANDLING AND STORAGE****Precautions for safe handling**

<b>Handling</b>	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage</b>	Keep container tightly closed.
<b>Incompatible Products</b>	Strong oxidizing agents. Strong acids. Strong bases. Reducing agents.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters**

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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**Appropriate engineering controls**

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	If splashes are likely to occur, wear: Tightly fitting safety goggles.
<b>Skin and Body Protection</b>	Long sleeved clothing. Protective gloves.
<b>Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene Measures</b>	When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Appearance</b>	Opaque white
<b>Odor</b>	Neutra Gamma	<b>Odor Threshold</b>	No information available

<b>Property</b>	<b>Values</b>	<b>Remarks/ - Method</b>
<b>pH</b>	7.7	None known
<b>Melting Point/Range</b>	No data available	None known
<b>Boiling Point/Boiling Range</b>	100 °C / 212 °F	None known
<b>Flash Point</b>	No data available	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
<b>upper flammability limit</b>	No data available	
<b>lower flammability limit</b>	No data available	

<b>Vapor Pressure</b>	No data available	None known
<b>Vapor Density</b>	> 1 (air = 1)	None known
<b>Specific Gravity</b>	No data available	None known
<b>Water Solubility</b>	Completely soluble	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	None known

**Flammable Properties** Not flammable

**Explosive Properties** No data available

**Oxidizing Properties** No data available

#### Other information

**VOC Content (%)** 0.50%

## 10. STABILITY AND REACTIVITY

#### Reactivity

No data available.

#### Chemical stability

Stable under recommended storage conditions.

#### Possibility of hazardous reactions

None under normal processing.

#### Hazardous Polymerization

Hazardous polymerization does not occur.

#### Conditions to avoid

None known based on information supplied.

#### Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases. Reducing agents.

#### Hazardous decomposition products

Carbon oxides. Smoke Soot.

## 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known information
<b>Inhalation</b>	None under normal use conditions
<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	May cause allergic skin reaction
<b>Ingestion</b>	None under normal use conditions.

#### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1,2-Benzisothiazolin-3-one	= 1020 mg/kg ( Rat )	-	-

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

**Symptoms** Irritation rash

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

**Sensitization** May cause sensitization by skin contact.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** Contains no ingredients above reportable quantities listed as a carcinogen.

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Chronic Toxicity** Repeated contact may cause allergic reactions in very susceptible persons.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**Acute Toxicity** 5.114% of the mixture consists of ingredient(s) of unknown toxicity.

*The following values are calculated based on chapter 3.1 of the GHS document:*

**LD50 Oral** 25765 mg/kg; Acute toxicity estimate

<b>12. ECOLOGICAL INFORMATION</b>
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**Ecotoxicity**

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
1,2-Benzisothiazolin-3-one	1.3

**Other Adverse Effects**

No information available.

<b>13. DISPOSAL CONSIDERATIONS</b>
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**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Do not re-use empty containers.

**US EPA Waste Number** U203

<b>14. TRANSPORT INFORMATION</b>
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**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA** Exempt

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazard</b> 2	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and Chemical Hazards</b> -
<b>HMIS</b>	<b>Health Hazard</b> 2*	<b>Flammability</b> 0	<b>Physical Hazard</b> 0	<b>Personal Protection</b> X

\*Indicates a chronic health hazard.

<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
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<b>Revision Note</b>	(M)SDS sections updated: 2.

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**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**