



## 1. Identification of the Substance/Preparation and of the Company/Undertaking

**Product identifier**

Product name Additive Antifoam H-160

**Other means of identification**

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

**Material Uses** Additive.

**Uses advised against** Verify Applications

**Details of the supplier of the safety data sheet**

**Supplier**

LiveTools PTY Limited  
115 Young St. Carrington  
NSW 2294 Australia  
Telephone: 02 4017 0198

Manufacturer  
Hangsterfer's Laboratories, Inc.  
175 Ogden Road  
Mantua, NJ 08051  
Phone 856-468-0216, Fax 856-468-0200  
Website: www.hangsterfers.com

**Emergency telephone number**

**Emergency telephone number** Livetools: 02 4017 0198

## 2. Hazards Identification

Not classified as hazardous according to criteria of NOHSC.

**Classification**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Acute toxicity - Inhalation (Dusts/Mists)

Category 2

**Label Elements**

### EMERGENCY OVERVIEW

**DANGER**

**Hazard statements**

Fatal if inhaled



**appearance** white

**Physical state** Liquid

**Odor** Mild

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Immediately call a POISON CENTER or doctor/physician

**Precautionary Statements - Storage**

Store in a well-ventilated place  
Store in a closed container  
Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

• MAY BE HARMFUL IF SWALLOWED

1.1875 % of the mixture consists of ingredient(s) of unknown toxicity

**3. Composition/information on Ingredients****Chemical Family** Miscellaneous.

Chemical name	CAS-No	Weight-%
Ethylene oxide-Propylene oxide copolymer monobutyl ether	9038-95-3	1

**4. First Aid Measures****First aid measures**

<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Consult a physician if necessary.
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control center immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Drink plenty of water. Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed****Symptoms** No information available.**Indication of any immediate medical attention and special treatment needed****Notes to Physician** Treat symptomatically.**5. Fire-Fighting Measures****Suitable extinguishing media**

Water spray or fog is preferred; if water not available use dry chemical, CO2 or regular foam.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.**Specific hazards arising from the chemical**

May be ignited by heat, sparks or flames. Keep product and empty container away from heat and sources of ignition.

**Hazardous combustion products** Carbon oxides.**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** Remove all sources of ignition. Use nitrile or neoprene gloves if necessary. Wear boots, gloves and protective suit when handling large spills. Ensure adequate ventilation. If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn. A combination organic vapor and high efficiency filter cartridge is recommended. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas.

**Other Information** Report spills as required to the appropriate authorities.

**Environmental precautions**

**Environmental precautions** Should not be released into the environment.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

**Methods for Clean-up** Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

**7. Handling and Storage****Precautions for safe handling**

**Handling** Keep container in a well-ventilated place. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

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

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep away from direct sunlight. Keep away from heat and sources of ignition.

**Incompatible materials** Acids and oxidizing agents.

**8. Exposure Controls/Personal Protection****Control parameters**

**Exposure guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering controls** Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Safety glasses with side-shields.

**Skin and Body Protection** Use protective gloves and clothing if contact with product is likely.

**Respiratory protection** If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and Chemical Properties****Information on basic physical and chemical properties**

**Physical state** Liquid

<b>appearance</b>	white	<b>Odor</b>	Mild
<b>Color</b>	white	<b>Odor threshold</b>	Not determined
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	8		
<b>Melting point / freezing point</b>	No information available		
<b>Boiling point</b>	No information available		
<b>Flash point</b>	>96.7 °C / >206 °F	Cleveland Open Cup	
<b>Evaporation rate</b>	No information available		
<b>Flammability (solid, gas)</b>	No information available		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit</b>	No unusual hazard		
<b>Lower flammability limit</b>	No unusual hazard		
<b>Vapor pressure</b>	No information available		
<b>Vapor density</b>	>1		
<b>Specific gravity</b>	1		
<b>Water solubility</b>	Not determined		
<b>Solubility in other solvents</b>	No information available		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	No unusual hazard		
<b>Decomposition temperature</b>	No unusual hazard		
<b>Kinematic viscosity</b>			
<b>Dynamic viscosity</b>	No information available		
<b>VOC Content, % Vol</b>	Request additional information		

## 10. Stability and Reactivity

### Reactivity

Stable under normal conditions

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

None under normal use conditions.

#### **Hazardous polymerization**

Hazardous polymerization does not occur.

### Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### Incompatible materials

Acids and oxidizing agents.

### Hazardous decomposition products

Carbon oxides. Formaldehyde. Silicon dioxide.

## 11. Toxicological Information

### Information on likely routes of exposure

#### **Product Information**

Product does not present an acute toxicity hazard based on known information

#### **Inhalation**

No unusual hazard.

#### **Eye contact**

Contact with eyes may cause irritation.

#### **Skin contact**

Substance may cause slight skin irritation. Avoid contact with skin.

#### **Ingestion**

MAY BE HARMFUL IF SWALLOWED.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene oxide-Propylene oxide copolymer monobutyl ether 9038-95-3	= 5 g/kg ( Rat ) = 12300 µL/kg ( Rat )	= 14100 µL/kg ( Rabbit ) > 20 mL/kg ( Rabbit )	= 147 mg/m <sup>3</sup> ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No unusual hazard.  
**Serious eye damage/eye irritation** No unusual hazard.  
**Sensitization** No known effect.  
**Mutagenic Effects** No known effect.  
**Carcinogenicity** No known effect.  
**Reproductive effects** No known effect.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Chronic toxicity** No known effect.  
**Aspiration Hazard** No unusual hazard.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity** 1.1875 % of the mixture consists of ingredient(s) of unknown toxicity

**12. Ecological Information****Ecotoxicity**

2.4375 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence/Degradability**

No information available

**Other adverse effects**

None known

**13. Disposal Considerations****Waste treatment methods**

**Waste Disposal Method** Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging** Empty containers should be taken for local recycling, recovery or waste disposal. Dispose of in accordance with local regulations.

**14. Transport Information****DOT**

**UN-No** Not regulated  
**Proper shipping name** Not regulated  
**Hazard Class** Not regulated  
**Packing group** Not regulated  
**Labels** Not regulated  
**Description** Not regulated

**TDG**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Description</b>	Not regulated

**IMDG/IMO**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Description</b>	Not regulated

**ADR/RID**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>ADR/RID-Labels</b>	Not regulated
<b>Description</b>	Not regulated

**IATA**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Description</b>	Not regulated

PG\* : Packing group

**15. Regulatory Information****US Federal Regulations****SARA 313**

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

Chemical name	CAS-No	Weight-%	SARA 313 - Threshold Values %
Ethylene oxide-Propylene oxide copolymer monobutyl ether - 9038-95-3	9038-95-3	1	

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (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. Regulations & Inventories**

**California Proposition 65**

An ingredient contained within this product is listed under California Proposition 65.

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

No regulatory requirements found. All components of this product are either listed on the TSCA inventory or are exempt from listing requirements.

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**CANADA**

**16. Other Information**

<b><u>NFPA</u></b>	<b>HEALTH 3</b>	<b>Flammability 1</b>	<b>Instability 0</b>	<b>Physical hazard -</b>
<b><u>HMIS</u></b>	<b>HEALTH 3</b>	<b>Flammability 1</b>	<b>Physical Hazards 0</b>	<b>Personal Protection -</b>

<b>Issue Date</b>	04-19-2017
<b>Revision date</b>	01-30-2015
<b>Revision Summary</b>	

**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 SDS**