

Issue Date: 01-Dec-2015

Revision Date:

Version 1

## 1. IDENTIFICATION

**Product Identifier**  
**Product Name** HEAT STABILIZER

**Other means of identification**

**SDS #**  
B-4190-05

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

**Recommended Use** Preventing oxidation

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

**Supplier Address**  
Ashburn Chemical Technologies  
7403 Wright Rd  
Houston, TX 77041

**Emergency Telephone Number**

**Company Phone Number** 832-399-1000  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance**                      **Physical State** Liquid                      **Odor** Mild

**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**Hazard Symbol** None

**Signal Word** No signal word

**Precautionary Statement**

<b>Prevention</b>	N/A
<b>Response</b>	N/A.
<b>Storage</b>	N/A.
<b>Disposal</b>	N/A

**Hazard(s) not otherwise classified** None-known

**Supplemental Information** Not applicable.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Component not listed are not hazardous or are at below reportable limits.

#### 4. FIRST-AID MEASURES

##### First Aid Measures

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Flush immediately with copious amounts of water for 15 minutes. If irritation persists, see physician.
<b>Skin Contact</b>	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.
<b>Ingestion</b>	Wash mouth with water. Do not induce vomiting without medical advice. Seek medical attention/advice.

##### Most important symptoms and effects

<b>Symptoms</b>	No significant symptoms are expected due to the non-classification of the product. See SECTION 11 for more information.
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##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	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.
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#### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable Extinguishing Media** None known.

##### Specific Hazards Arising from the Chemical

No specific fire or explosion hazard

**Hazardous Combustion Products** Oxides of carbon and nitrogen compounds.

##### Protective equipment and precautions for firefighters

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

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin or eyes. Avoid breathing dust/fume/gas/mist/vapors/spray See SECTION 8 for Personal Protective Equipment
<b>Environmental Precautions</b>	Prevent entry into waterways, rivers, lakes, drains, surface water, or ground water. Prevent further leakage or spillage if safe to do so. See SECTION 12 for Ecological Information.
<b>Methods for Clean-Up</b>	Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

## 7. HANDLING AND STORAGE

<b>Advice on Safe Handling</b>	Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.
<b>Storage Conditions</b>	Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature > 40°F.
<b>Incompatible Materials</b>	None known

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** No exposure limits noted for ingredient(s),

**Appropriate engineering controls**

**Engineering Controls** Good general ventilation.  
Maintain eye wash fountain and quick-drench facilities in work area.

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

**Eye/Face Protection** If contact is likely, safety glasses with side shields are recommended.

**Skin and Body Protection** Wear suitable protective clothing and chemical resistant gloves.  
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.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.  
Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**General Hygiene Considerations** Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing and launder before reuse.  
See SECTION 4 for First-Aid Measure

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Dark yellow to amber		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
pH	8.0 -8.5		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	> 100 °C / 212 °F		
Flash Point	> 93.3 °C / 200 °F		
Upper / lower Flammability Limits	Not determined		
Flammability (Solid, Gas)	Not flammable		
Evaporation Rate	> 1.0 (BuAc =1)		
Vapor Density	> 1.0	(Air=1)	
Vapor Pressure	< 0.013 kPa	< 0.1 mmHg at room temperature	
Specific Gravity	1.10-1.14	(1=Water)	

<b>Water Solubility</b>	Completely soluble
<b>Solubility in other solvents</b>	Not determined
<b>Partition Coefficient</b>	Not determined
<b>Auto-ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>VOC Content (%)</b>	Not determined
<b>Explosive Properties</b>	Not determined
<b>Oxidizing properties</b>	Not determined

## 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>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Conditions to Avoid</b>	None known
<b>Incompatible Materials</b>	Strong oxidizing or reducing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition and combustion are not expected to occur except under extreme conditions.

## 11. TOXICOLOGICAL INFORMATION

### Most Important Symptoms / Potential Acute Health Effects

<b>Eye Contact</b>	May cause mild eye irritation.
<b>Skin Contact</b>	Prolonged contact may cause mild irritation.
<b>Inhalation</b>	Exposure to decomposition products may cause irritation to respiratory tract
<b>Ingestion</b>	May be irritating to mouth, throat, and stomach

### Over Exposure Signs/Symptoms

<b>Eye Contact</b>	Adverse symptoms may include the following: Pain or irritation, watering, redness
<b>Skin Contact</b>	Adverse symptoms may include the following: irritation, redness
<b>Inhalation</b>	No known significant effects or critical hazards
<b>Ingestion</b>	No known significant effects or critical hazards

### Information on Toxicological effects

#### Acute Toxicity

Chemical Name	Results	Species	Dosage	Exposure
Mixtures	LD50 Oral	Rat	> 5000 mg/kg	-
	LD50 Dermal	Rabbit	> 2000 mg/kg	-

<b>Irritation</b>	Not a skin irritant or eye irritant
<b>Sensitization</b>	Not a skin sensitizer
<b>Carcinogenicity</b>	This product is not expected to be carcinogen by IARC, ACGIH, NTP, or OSHA
<b>Specific Target Organ Toxicity (Single/Repeated Exposure)</b>	No data available
<b>Aspiration Hazard</b>	No data available
<b>Numerical measures of toxicity</b>	Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** An environment hazard cannot be excluded in the event of unprofessional handling or disposal.

### Component Information

Chemical Name	Results	Species	Exposure
Mixture	Acute LC50 > 100 mg/kg	Rainbow trout	96 hr

**Persistence/Degradability** Ready biodegradable

**Bioaccumulation** Not determined.

**Mobility** Not determined

**Other Adverse Effects** Not determined

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Empty remaining contents. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum. Dispose of as unused product.

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated.

## 15. REGULATORY INFORMATION

**International Inventories** The component(s) of this product are reported in the following inventories

Chemical Name	TSCA	DSL	EINECS	ENCS	IECSC	KECL	PICCS	NZIoC	NECI	AICS
Mixture	Y	Y		Y	Y	Y	Y	Y	Y	Y

### Legend:

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

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

*EINECS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### US Federal Regulations

#### **CERCLA**

This material does not contain a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 255)

**SARA 311/312 Hazardous Chemical** This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

#### **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

#### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain the substances which are listed hazardous air pollutants (HAPS) under Sec112 of the Clean Air Act

## 16. OTHER INFORMATION

#### NFPA

#### **Health Hazards**

#### **Flammability**

#### **Instability**

#### **Special Hazards**

1

0

0

Not determined

#### HMIS

#### **Health Hazards**

#### **Flammability**

#### **Physical Hazards**

#### **Personal Protection**

1

0

0

Not determined

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**Revision Note:**

New format

#### Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**