

Issue Date: 10-Jul-2015

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** ASHBURN 10000 BIOSTABLE

### Other means of identification

#### **SDS #**

ITEM# A-10005-05

A-10055-55

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

**Recommended Use** Metalworking, drawing & stamping lubricant

### 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** Liquid  
Yellow / amber

**Physical State** Liquid

**Odor** Bland

### Classification

Skin sensitizer

Category 1

### Signal Word

**WARNING**

### Hazard Statements

May cause an allergic skin reaction.

### Symbol



### Precautionary Statements - Prevention

Avoid breathing dust/gas/mist/vapor/spray.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection.

### Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse

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

**Precautionary Statement - Disposal**

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
4-(2-Nitrobutyl) Morpholine	2224-44-4	Trade secret

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**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 plenty 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 from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Seek immediate medical assistance.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

**Most important symptoms and effects**

<b>Symptoms</b>	May cause eyes and skin irritation.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media** Use water fog, foam, alcohol resistant foam, dry chemical or carbon dioxide (CO2)

**Unsuitable Extinguishing Media** Do not use straight streams.

**Specific Hazards Arising from the Chemical** Not determined.

**Hazardous Combustion Products** Oxides of carbon, nitrogen, chlorine, and phosphorus.

**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**

<b>Personal Precautions</b>	See in Section 8 for personal protective equipment.
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**Environmental Precautions** See Section 12 for additional Ecological Information.

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

**Methods for Containment** Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Absorb or cover with dry earth, sand or other non-combustible material.

**Methods for Clean-Up** 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. See section 13 for waste disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** 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. Wash contaminated clothing before reuse.

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

**Storage Conditions** 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.

**Incompatible Materials** None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

Chemical Name	ACGIH	OSHA	NIOSH
Triethanolamine 102-71-6	TWA: 5 mg/m <sup>3</sup>		
Base Oil		PEL: 5 mg/m <sup>3</sup>	

**Appropriate engineering controls**

**Engineering Controls** Proper protection and controls is dependent upon the potential exposure condition. No special requirements are needed under ordinary conditions where adequate ventilation is available.

**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 impervious, protective clothing including rubber safety shoe to avoid skin contact.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**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. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Bland
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Yellow / amber		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH (5% in water)	9.2	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	> 105 °C	
Flash Point	179 °C / 355 °F	Cleveland Open Cup
Evaporation Rate	< 1.0	(butyl acetate = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	< 1.0 mm Hg	@ 68°F (20 ° C)
Vapor Density	Not determined	(Air=1)
Specific Gravity	0.95	(1=Water)
Water Solubility	Soluble.	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content (%)	< 100 g/L concentrate < 10 g/L @ 10% solution	(SCAQMD ASTM 1868-10)

## 10. STABILITY AND REACTIVITY

<b><u>Reactivity</u></b>	Not reactive under normal conditions.
<b><u>Chemical Stability</u></b>	Stable under recommended storage conditions.
<b><u>Possibility of Hazardous Reactions</u></b>	None under normal processing.
<b><u>Conditions to Avoid</u></b>	Excessive heat.
<b><u>Incompatible Materials</u></b>	None known.
<b><u>Hazardous Decomposition Products</u></b>	Thermal decomposition and combustion are not expected to occur except under extreme conditions.

## 11. TOXICOLOGICAL INFORMATION

### Information on Toxicological Effect

<b>Eye Contact</b>	Causes eye irritation.
<b>Skin Contact</b>	Prolonged contact can cause redness and irritation.
<b>Inhalation</b>	Inhalation of vapors or mist can be irritating to aspiratory passage.
<b>Ingestion</b>	May be harmful if swallowed. May cause gastrointestinal irritation or diarrhea.

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

**Carcinogenicity** IARC: NO NTP: No OSHA: No

**Other Target Organ Effect/  
Preproductive Effects/  
Mutagenicity** None known

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** None known

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Triethanolamine 102-71-6	216: 72 h Desmodesmus subspicatus mg/L EC50 169: 96 h Desmodesmus subspicatus mg/L EC50	10600 - 13000: 96 h Pimephales promelas mg/L LC50 flow-through 1000: 96 h Pimephales promelas mg/L LC50 static 450 - 1000: 96 h Lepomis macrochirus mg/L LC50 static		1386: 24 h Daphnia magna mg/L EC50

**Persistence/Degradability** None known

**Bioaccumulation** Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Triethanolamine 102-71-6	-2.53

**Other Adverse Effects** Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

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

**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** Not determined.

**US TSCA:** All component(s) in compliance with the inventory.

**US Federal Regulations**

**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).

**SARA 311/312 Hazard Categories**

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

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**16. OTHER INFORMATION**

**NFPA**

**Health Hazards**

1

**Flammability**

1

**Instability**

0

**Special Hazards**

Not determined

**HMIS**

**Health Hazards**

1

**Flammability**

1

**Physical Hazards**

0

**Personal Protection**

Not determined

**Issue Date:** 10-Jul-2015

**Revision Date:**

**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**