

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

<b>Manufactured for:</b> Triple S <b>Address:</b> 2 Executive Park Drive Billerica, MA 01862 <b>Phone #:</b> 800-323-2251	<b>Product Name:</b> Navigator Break Away Heavy Duty Degreaser	HMIS Hazardous Materials Identification System <b>(Ready-to-Use product ONLY)</b> Health - 1 Flammability - 0 Reactivity - 0 Protection - A
	<b>Generic Name:</b> Heavy Duty Cleaner Degreaser	
	<b>Chemical Family:</b> Detergent Blend	
	<b>Formula:</b> Proprietary	
	<b>Product Number:</b> 48266	

**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Dipropylene Glycol Methyl Ether	34590-94-8	10 to 15	N/A	N/A	N/A
2-butoxyethanol	111-76-2	5 to 10	25ppm	25ppm	50ppm
NonIonic Surfactant	9016-45-9	5 to 10	N/A		
Sodium Metasilicate Pentahydrate	6834-92-0	0 to 5	N/A		
Sodium Xylene Sulfonate	1300-72-7	0 to 5	N/A		
Tetrasodium EDTA	64-02-8	0 to 5	N/A		
Potassium Hydroxide	1310-58-3	0 to 5	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>
Dye	N/A	0 to 5	N/A		

**SECTION 3-PHYSICAL DATA**

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

<b>Boiling Point (°F):</b> 212 F. <b>Vapor Pressure:</b> 20mm Hg @ 68 F. <b>% Volatile:</b> 70+ <b>Solubility in Water:</b> Complete <b>Physical Description:</b> Thin purple liquid with characteristic odor.	<b>Specific Gravity:</b> 1.074 <b>Vapor Density (Air=1):</b> >1 <b>pH:</b> 13.0 - 14.0 <b>Evaporation Rate (Water=1):</b> <1	<b>Flash Point (Method Used):</b> None (TCC) <b>Upper Explosion Limit:</b> N/A <b>Lower Explosion Limit:</b> N/A <b>Extinguishing Media:</b> CO <sub>2</sub> , Dry Foam, Water Mist <b>Special Firefighting Procedures:</b> Use self-contained breathing apparatus in confined areas. <b>Unusual Fire and Explosion Hazards:</b> Keep fire exposed containers cool with water to prevent bursting.
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**SECTION 5-REACTIVITY DATA**

<b>Stability:</b> Stable <b>Hazards Decomposition Products:</b> Alkaline vapors in a fire.	<b>Hazardous Polymerization:</b> None <b>Incompatibility (Materials to Avoid):</b> Strong acids.
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**SECTION 6-STORAGE AND HANDLING INFORMATION**

DANGER: Corrosive. Severe Eye and Skin Irritant. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing of vapors or mists. Use in well-ventilated area. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**SECTION 8-SPECIAL PROTECTION INFORMATION**

<b>Effects of Overexposure:</b> <b>Skin:</b> Severe skin irritant. May cause moderate reddening with prolonged contact <b>Eyes:</b> Corrosive. Eye irritant. Liquid and mists may damage eyes, causing corneal damage. <b>Inhalation:</b> Mists may be irritating to mucous membranes in the nose, throat, and lungs. <b>Ingestion:</b> Irritating to the mouth and throat. May cause headache, nausea, abdominal pain, and diarrhea. Excessive amounts may cause collapse. <b>First Aid Procedures:</b> <b>Skin:</b> Flush with water. Seek medical attention if irritation persists. <b>Eyes:</b> Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists. <b>Inhalation:</b> Get to fresh air. Seek medical attention if irritation persists. <b>Ingestion:</b> Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.	<b>Respiratory Protection:</b> Use in well-ventilated area. <b>Ventilation Requirements:</b> Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit. <b>Protective Gloves:</b> Chemical resistant rubber or neoprene. <b>Eye Protection:</b> Safety glasses or chemical splash goggles. <b>Other Protective Equipment:</b> Eyewash station provided nearby.
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**SECTION 9-SPILL OR LEAK PROCEDURES**

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Ventilate area well. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of corrosivity as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

**SECTION 10-REGULATORY INFORMATION**

<b>SARA Title III - Section 311/312 -Hazard Categories:</b> No - Fire Hazard No - Sudden Release of Pressure Hazard No - Reactivity Hazard Yes - Immediate (acute) Health Hazard No - Delayed (chronic) Health Hazard	<b>Shipping Information:</b> FOR CONTAINERS > 1 Gallon: Compounds, cleaning liquid, (Potassium Hydroxide), 8, NA-1760, PG III FOR 1 GALLON CONTAINERS: Cleaning Compound LQ FOR CONTAINERS < 1 GALLON: Cleaning Compound LQ	<b>HMIS Hazardous Materials Identification System</b> <table border="1"> <tr> <td>Health</td> <td>3</td> </tr> <tr> <td>Flammability</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>D</td> </tr> </table>	Health	3	Flammability	0	Reactivity	0	Personal Protection	D
Health	3									
Flammability	0									
Reactivity	0									
Personal Protection	D									

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** ER# 888-779-1339 (24 hours, 7 days per week)  
 This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
111-76-2	2-butoxyethanol (glycol ether)	7% max.

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

**SECTION 11-OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product.

**MATERIAL SAFETY DATA SHEET**

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

N/A=Not Applicable  
Effective Date:7/10 Revision: n/a

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

**Product Name:** Ready-To-Use #66 Break Away Heavy Duty Degreaser  
**Generic Name:** Cleaner Degreaser  
**Chemical Family:** Solvent/Detergent Blend  
**Formula:** Proprietary  
**Triple S Product No.:** 48266

**Manufactured For:** Triple S  
**Address:** 2 Executive Park Drive Billerica, MA 01862  
**Phone #:** 800-323-2251

**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
2-Butoxyethanol	111-76-2	0 to 5			
Dipropylene Glycol Methyl Ether	34590-94-8	0 to 5			
Nonionic Surfactant	9016-45-9	< 1.0			

**SECTION 3-PHYSICAL DATA**

**Boiling Point (°F):** 212 F.  
**Vapor Pressure:** 20mm Hg @ 68 F.  
**% Volatile:** 99+  
**Solubility in Water:** Complete  
**Physical Description:** Thin light purple liquid with characteristic odor

**Specific Gravity:** 1.000  
**Vapor Density (Air=1):** >1  
**pH:** 11.5 – 12.5  
**Evaporation Rate (Water=1):** 1

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** N/A  
**Upper Explosion Limit:** N/A  
**Extinguishing Media:** N/A  
**Special Firefighting Procedures:** Non Flammable  
**Unusual Fire and Explosion Hazards:** N/A

**Lower Explosion Limit:** N/A

**SECTION 5-REACTIVITY DATA**

**Stability:** Stable  
**Hazards Decomposition Products:** Will not occur.

**Hazardous Polymerization:** None  
**Incompatibility (Materials to Avoid):** None

**SECTION 6-STORAGE AND HANDLING INFORMATION**

WARNING: Eye irritant. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**Effects of Overexposure:**  
**Skin:** May be mildly irritating to skin. Pre-existing conditions such as dermatitis may be aggravated by prolonged or repeated contact.  
**Eyes:** Irritating to eyes. May cause redness or swelling.  
**Inhalation:** N/A  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system in large quantities.  
**First Aid Procedures:**  
**Skin:** Flush with large quantities of water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water. Seek medical attention if irritation persists.  
**Inhalation:** N/A  
**Ingestion:** Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** No special requirements.  
**Ventilation Requirements:** No special requirements  
**Protective Gloves:** Rubber gloves recommended  
**Eye Protection:** Safety glasses when spraying material.  
**Other Protective Equipment:** N/A

**SECTION 9-SPILL OR LEAK PROCEDURES**

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**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

**SECTION 10-REGULATORY INFORMATION**

**SARA Title III - Section 311/312 -Hazard Categories:**  
 No - Fire Hazard  
 No - Sudden Release of Pressure Hazard  
 No - Reactivity Hazard  
 No - Immediate (acute) Health Hazard  
 No - Delayed (chronic) Health Hazard

**Shipping Information:**  
 FOR CONTAINERS > 1 Gallon : Cleaning Compound  
 FOR 1 GALLON CONTAINERS : Cleaning Compound  
 FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMIS Hazardous Materials Identification System**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** ER# 888-779-1339

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CAS#	Chemical Name	Percent by Weight
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**SECTION 11-OTHER INFORMATION**

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