

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufactured for: Triple S Address: 2 Executive Park Drive Billerica, MA 01862 Phone #: 800-323-2251	Product Name: Navigator Break Away Heavy Duty Degreaser	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY) Health - 1 Flammability - 0 Reactivity - 0 Protection - A
	Generic Name: Heavy Duty Cleaner Degreaser	
	Chemical Family: Detergent Blend	
	Formula: Proprietary	
	Product Number: 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 ³	2mg/m ³	2mg/m ³
Dye	N/A	0 to 5	N/A		

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.	Specific Gravity: 1.074
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1
% Volatile: 70+	pH: 13.0 - 14.0
Solubility in Water: Complete	Evaporation Rate (Water=1): <1
Physical Description: Thin purple liquid with characteristic odor.	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None (TCC)
Upper Explosion Limit: N/A **Lower Explosion Limit:** N/A
Extinguishing Media: CO₂, Dry Foam, Water Mist
Special Firefighting Procedures: Use self-contained breathing apparatus in confined areas.
Unusual Fire and Explosion Hazards: Keep fire exposed containers cool with water to prevent bursting.

SECTION 5-REACTIVITY DATA

Stability: Stable	Hazardous Polymerization: None
Hazards Decomposition Products: Alkaline vapors in a fire.	Incompatibility (Materials to Avoid): Strong acids.

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

Effects of Overexposure:
Skin: Severe skin irritant. May cause moderate reddening with prolonged contact
Eyes: Corrosive. Eye irritant. Liquid and mists may damage eyes, causing corneal damage.
Inhalation: Mists may be irritating to mucous membranes in the nose, throat, and lungs.
Ingestion: Irritating to the mouth and throat. May cause headache, nausea, abdominal pain, and diarrhea. Excessive amounts may cause collapse.
First Aid Procedures:
Skin: Flush with water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Inhalation: Get to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well-ventilated area.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Protective Gloves: Chemical resistant rubber or neoprene.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Eyewash station provided nearby.

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

SARA Title III - Section 311/312 -Hazard Categories: No - Fire Hazard No - Sudden Release of Pressure Hazard No - Reactivity Hazard Yes - Immediate (acute) Health Hazard No - Delayed (chronic) Health Hazard	Shipping Information: 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	HMIS Hazardous Materials Identification System	
		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

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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

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

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

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

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
	None	

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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