

# MATERIAL SAFETY DATA SHEET

N/A=Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date 6/94

## SECTION 1 - PRODUCT IDENTIFICATION

Product Name:  
 Generic Name: **Liquid Dry Carpet Cleaner**  
 Supplier's Name:  
 Supplier's Address:

Chemical Family: **N/A**  
 Formula: **N/A**  
 Phone Number:

### NFPA Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Maximum Personal Protection	B

## SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Water	7732-18-5	to 100				No
2-Dutoxyethanol	111-76-2	10 to 15	25 ppm	25 ppm	N/A	No
Sodium Lauryl Sulfate	151-21-3	5 to 10				No
Sodium Tripolyphosphate	7758-29-4	0 to 5				No
Triethanolamine	102-71-6	0 to 5				No
Citrus Terpenes	5989-27-5	0 to 5				No
Nonionic Surfactant	127087-87-0	0 to 5				No
Sodium Xylene Sulfonate	1300-72-7	0 to 5				No
Perfume Oils	N/A	0 to 5				No
Optical Brighteners	N/A	0 to 5				No
Dye	N/A	0 to 5				No

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1996 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
111-76-2	Glycol Ether	13.5

### SECTION 3 - PHYSICAL DATA

Boiling Range (°F):	212°F Initial	Specific Gravity:	1.02
Vapor Pressure:	20mm Hg @60°F	Vapor Density: (Air=1):	>1
% Volatile:	85+	pH:	8.5 - 9.5
Solubility in Water:	100%	Evaporation Rate: (Water=1):	<1
Physical Description:	Thin blue liquid with pleasant odor.		

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	N/A	
Upper Explosive Limit:	N/A	Lower Explosive Limit: N/A
Extinguishing Media:	N/A	
Special Fire Fighting Procedures:	N/A	
Unusual Fire and Explosion Hazards:	N/A	

### SECTION 5 - REACTIVITY DATA

Stability:	Stable.	Hazardous Polymerization:	Will not occur.
Incompatibility (Materials to Avoid):	Strong oxidizers.		
Hazardous Decomposition Products:	Carbon monoxide and oxides of sulfur possible if burned.		

### SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
Keep out of reach of children.
Keep container closed during storage. For industrial and institutional use only.

## SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:	
Primary Route of Entry:	
Skin:	Skin irritant. May cause reddening, swelling, and possible skin damage.
Eyes:	Eye irritant. Liquid and mists may damage the eyes causing corneal injury.
Inhalation:	Vapors may be irritating to mucous membranes in the nose, throat, and lungs. High concentrations may cause headache and nausea.
Ingestion:	May cause headache, dizziness, nausea, vomiting, and diarrhea.

### First Aid Procedures:

Skin:	Flush with large quantities of water. Seek medical attention if irritation persists.
Eyes:	Flush eyes with large quantities of water. Seek medical attention if irritation persists.
Inhalation:	Get to fresh air. Seek medical attention if symptoms persist.
Ingestion:	Dilute with two glasses of water. Seek medical attention immediately.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Use with adequate ventilation.	Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves:	Waterproof recommended.	Eye Protection:	Safety glasses recommended.
Other Protective Equipment:	N/A		

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Waste Disposal Method:
Mop up or otherwise absorb and hold for disposal.	Any method in accordance with applicable laws.

Manufactured by:  
 Belco Corporation 1001 Brown Avenue Toledo, Ohio 43607 419-241-2156

Product Name: **Bortel**  
 Product Number: **#408**