

MATERIAL SAFETY DATA SHEET

(Prepared According To 29 CFR 1910.1200)

Effective Date 1/91

NA = Not Applicable

SECTION 1 - PRODUCT IDENTIFICATION

Name: _____
 Trade Name: Carpet Extraction Cleaner
 Supplier's Name: _____
 Supplier's Address: _____
 Proper Shipping Name: Compound, Cleaning, Liquid

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
Anionic Surfactant	5324-84-5	5 to 10				No
Sodium Metasilicate	6834-92-0	5 to 10				No
Sodium Salt of Nitrotriacetate	5064-31-3	0 to 5				No
Cationic Surfactant	9016-45-9	0 to 5				No
Propylene Glycol	57-55-6	0 to 5				No
Fragrance Oils	N/A	0 to 5				No
Dye	N/A	0 to 5				No
Optical Brighteners	N/A	0 to 5				No

SECTION 3 - PHYSICAL DATA

Boiling Range (°F): 214°F Initial Specific Gravity: 1.10
 Vapor Pressure: 20mm Hg @68°F Vapor Density: (Air=1): >1
 % Volatile: 75+ pH: 11.8 - 12.8
 Solubility in Water: 100% Evaporation Rate: (Water=1): <1
 Physical Description: Thin green 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 acids.
 Hazardous Decomposition Products: None known.

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
 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:
 Primary Route of Entry:
Skin: Skin irritant. May cause redness or swelling. Prolonged or repeated contact may cause dermatitis.
Eyes: Severe eye irritant. Liquid and mists may damage the eyes, causing corneal injury.
Inhalation: Vapors may be irritating to mucous membranes of the nose, throat, and lungs.
Ingestion: Irritating to the mouth, throat, and gastrointestinal system. Large doses may cause vomiting and diarrhea.

First Aid Procedures:
Skin: Remove contaminated clothing. Flush affected area with 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 irritation persists.
Ingestion: Do not induce vomiting. Drink a large quantity of water. Seek medical attention immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements. Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
 Protective Gloves: Waterproof. Eye Protection: Safety glasses.
 Other Protective Equipment: N/A

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
 Sweep up or otherwise absorb and hold for disposal

Waste Disposal Method:
 Any method in accordance with applicable laws.

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

Product Name & Number:
 Es-Steam #402

