

Material Safety Data Sheet

May 1, 2001

May be used to comply with OSHA'S Hazard Communication Standard

IDENTITY (As used on label and list)

Enviro Safe Heavy Duty Degreaser

SECTION I

Manufacturer's Name

p.b. gast & sons company	Emergency Telephone Number
1515 Madison Avenue S.E.	616-844-6393
Grand Rapids, MI	Information Number
49507	616-245-0574

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components - None

Specific Chemical Identity - N/A

Common Name

CERTIFICATION

THIS IS TO CERTIFY THAT NONE OF THE TOXIC ORGANICS LISTED IN THE FEDERAL REGULATIONS TITLE 40, SECTIONS 413.2 THRU 414.14 ARE USED IN THE MANUFACTURING

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point -----	98.4 C
Vapor Pressure (mm Hg.) -----	17.0
Vapor Density (AIR = 1) -----	0.62
Solubility in Water -----	Complete
Appearance and odor -----	Blue, Mild pleasant odor
PH -----	9.7 to 10.4
Specific Gravity (H2O = 1) -----	1.02
Melting Point -----	N/A
Evaporation Rate (Butyl Acetate = 1) -----	0.7
Glycol Ether-----	< 1%

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) -----	None
Flammable Limits -----	None
LEL -----	N/A
UEL -----	N/A
Extinguishing Media -----	None Required
Special Fire Fighting Procedures -----	None Required
Usual Fire and Explosion Hazards -----	None

SECTION V - REACTIVITY DATA

Stability -----	Stable
Compatibility (materials to avoid) -----	Strongly Acidic Materials & Oxidizers
Hazardous Polymerization -----	Will Not Occur
Conditions To Avoid -----	None

SECTION VI - EXPOSURE CONTROLS / PERSONAL PROTECTION

Routes of Entry:

Inhalation: No
Skin: No
Ingestion: No

Health Hazards (Acute and Chronic): This product poses no health hazards, but, as with all products, prudence in handling is recommended.

Carcinogenicity ----- NONE
NTP ----- N/A
IARC Monographs ----- N/A

OSHA Regulated: No
Signs and Symptoms of Exposure: None
Medical Conditions Generally Aggravated by Exposure: None
Emergency and First Aid Procedures: None; care in handling is recommended

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: No precautions necessary. Absorb or mop up with wet mop or wash away with water. Slippery.

Waste Disposal Method: Standard sewage treatment methods.
Precautions to be taken in handling and storing: None
Other Precautions: Avoid freezing. If freezing occurs, thaw and stir.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specific Type): None required

Ventilation:

Local Exhaust - None required
Mechanical (General) - Acceptable
Special - None
Other - None

Protective Gloves: Not necessary
Eye Protection: Not required; prudent handling recommended
Other Protective Clothing or Equipment: None
Work/Hygienic Practices: Normal practices.

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