

# 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

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## SECTION VI - EXPOSURE CONTROLS / PERSONAL PROTECTION

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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

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## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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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.

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## SECTION VIII - CONTROL MEASURES

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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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