

IDENTITY (As Used on Label and List)

GERMOTOX

Note: Blank spaces are not permitted. If any item is not applicable, or  
no information is available, the space must be marked to indicate that.

## SECTION 1

Manufactured For:  
Pioneer Manufacturing Company  
4529 INDUSTRIAL PARKWAY  
Cleveland, OH 44135

Emergency Telephone Number:  
(216) 671-5500

Information Telephone Number:  
(216) 671-5500

Date Prepared: 2-1-89

Prepared by:

This information is given in good faith, but no warranty expressed or implied  
is made. The manufacturer believes that it is accurate to the best of its  
knowledge and relates only to the specific material designated herein.

## SECTION 2: Hazardous Ingredients / Identity Information

Hazardous Components

(Specific Chemical Identity; Common Name(s))

CAS. NO.

OSHA PEL

ACGIH TLV

OTHER  
RECOMMENDED  
LIMITS

% (OPT)

NONE

## SECTION 3: Physical / Chemical Characteristics

Boiling Point

212F

Specific Gravity

1.00

Vapor Pressure (mm. Hg.)

Melting Point

N/A

N/A

Vapor Density

Evaporation Point (Butyl Acetate=1)

N/A

N/A

Solubility in Water

COMPLETE

Appearance and Odor

OPAQUE, WHITE, FRAGRANT LIQUID

## SECTION 4: Fire and Explosion Hazard Data

Flash Point (Method Used)

Flammable Limits

LEL

UEL

NONE

NONE

N/A

N/A

Extinguishing Media

NONE

Special Fire Fighting Procedures

NONE

Usual Fire and Explosion Hazards

NONE

#174

#81

## SECTION 5: Reactivity Data

MSDS Sheet, page 2

### Stability

Unstable

### Conditions to Avoid

Stable X

N/A

### Compatibility (Materials to Avoid)

NONIONIC &amp; CATIONIC DETERGENTS

### Hazardous Decomposition or Byproducts

N/A

### Hazardous Polymerization

May Occur

Will Not Occur X

## SECTION 6: Health Hazard Data

### Route(s) of Entry:

#### Inhalation?

X

#### Skin?

X

#### Ingestion?

X

### Health Hazards (Acute & Chronic)

N/A

### Carcinogenicity:

N/A

### NTP?

N/A

### IARC Monographs?

N/A

### OSHA Regulated?

N/A

### Signs and Symptoms of Exposure

SKIN &amp; EYE: POSSIBLE SLIGHT IRRITATION, POSSIBLE SLIGHT REDNESS.

### Medical Conditions Generally Aggravated by Exposure

N/A

### Emergency and First Aid Procedures

SKIN: WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION DEVELOPES, SEE PHYSICIAN. INGESTION: GIVE 3/4 GLASSES OF MILK/WATER, INDUCE VOMITING, GET MEDICAL ATTENTION.

## SECTION 7: Precautions for Safe Handling and Use

### Steps to be Taken in Case Material is Released or Spilled

MOP UP WITH SOAP &amp; WATER.

### Waste Disposal Method

TRIPLE RINSE CONTAINER AND DISPOSE IN AN APPROVED LANDFILL.

### Precautions to be Taken in Handling and Storing

STORE IN A COOL DRY PLACE.

### Other Precautions

WASH HANDS THOROUGHLY AFTER USE. KEEP OUT OF REACH OF CHILDREN.

## SECTION 8: Control Measures

### Respiratory Protection (Specify Type)

NONE

#### Ventilation:

Local Exhaust

#### Special

N/A

N/A

Mechanical (General)

#### Other

N/A

### Protective Gloves

OPTIONAL

#### Eye Protection

N/A

### Other Protective Clothing or Equipment

N/A

### Work / Hygienic Practices

N/A