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## **MICRO**

### **MSDS Number**

BBGNT

### **National Stock Number**

6850-00F000407

### **Product Name**

MICRO

### **Manufacturer**

INTERNATIONAL PRODUCTS CORP

### **Product Identification**

Product ID: MICRO  
MSDS Date: 03/30/1990  
FSC: 6850  
NIIN: 00F000407  
MSDS Number: BBGNT

### **Responsible Party**

INTERNATIONAL PRODUCTS CORPORATION

BURLINGTON , NJ 08016

Emergency Phone: (609) 386-8770

Info Phone: (609) 386-8770

Preparer: CHARLES E. GRANITO

Cage: 6S487

### **Contractor**

INTERNATIONAL PRODUCTS CORP

70

BURLINGTON, NJ 08016-0070

US

609-386-8770

Cage: 6S487

### **Ingredients**

WATER, H2O

CAS: 7732-18-5

RTECS: ZC0110000

TETRASODIUM SALT OF ETHYLENEDIAMINETETRAACETIC ACID

CAS: 64-02-8

RTECS: AH5075000

BENZENESULFONIC ACID, DIMETHYLAMMONIUM SALT

CAS: 26447-10-9

BENZENESULFONIC ACID,



CAS: 27323-41-7  
RTECS: DB6700000  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

NONYLPHENOL, POLYOXYETHYLENE ETHER, TERGITOL NPX  
CAS: 9016-45-9  
RTECS: MD0900000

POLYETHOXYNONYLPHENOL

ETHYLENE OXIDE (SARA III)  
CAS: 75-21-8  
RTECS: KX2450000  
OSHA PEL1 PPM; SEE 1910.1047  
ACGIH TLV: 1 PPM, A2; 9192  
EPA Report Quantity: 10 LBS  
DOT Report Quantity: 10 LBS

WATER, H2O  
CAS: 7732-18-5  
RTECS: ZC0110000

## Hazards

LD50 LC50 Mixture:ORAL LD50 (RATS): 5G/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: MAY CAUSE TRANSIENT IRRITATION & REDNESS. SKIN: MODERATE IRRITATION, DRYING, CHAPPING, & REDNESS. INHALATION: MAY CAUSE SLIGHT NOSE & THROAT IRRITATION. INGESTION: VERY LARGE QUANTITIES MAY CAUSE CRAMPS & MUSCLE SPASMS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES: MAY CAUSE TRANSIENT IRRITATION & REDNESS. SKIN: MODERATE IRRITATION, DRYING, CHAPPING, & REDNESS. INHALATION: MAY CAUSE SLIGHT NOSE & THROAT IRRITATION. INGESTION: VERY LARGE QUANTITIES MAY CAUSE CRAMPS & MUSCLE SPASMS.

## First Aid

First Aid:EYE: FLUSH W/WATER FOR AT LEAST 15 MINS. DON'T ATTEMPT TO NEUTRALIZE W/CHEMICAL AGENTS. SKIN: FLUSH AREA W/LARGE AMOUNTS OF WATER FOR 15 MINS. DON'T ATTEMPT TO NEUTRALIZE W/CHEMICAL AGENT. INGESTION: GIVE GLASSES OF WATER FOR DILUTION EFFECT. DON'T INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERON. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. OBTAIN MED ATTN.

## Fire Fighting

Flash Point:NONE-AQUEOUS SYS  
Extinguishing Media:AQUEOUS PRODUCT. FOR FIRES INVOLVING DRIED MATERIAL USE WATER, CO2, DRY CHEMICALS, OR FOAM.

## Accidental Release

Spill Release Procedures:SMALL SPILLS LESS THAN ONE GALLON, FLUSH W/WATER. LARGE SPILLS: COLLECT LIQUID W/ABSORBENT MATERIAL &



PACKAGE.

## Handling

Handling and Storage Precautions: STORE IN COOL, DRY, WELL VENTILATED AREAS. KEEP CONTAINERS CLOSED. USE ONLY STAINLESS STEEL, POLYETHYLENE, OR PLASTIC LINED CONTAINERS FOR STORAGE.

Other Precautions: DON'T STORE IN CONTACT W/ALUMINUM, ZINC, COPPER OR THEIR ALLOYS. PREVENT CONTACT W/SKIN & EYES.

## Exposure Controls

Respiratory Protection: NOT NORMALLY NEEDED.

Ventilation: PROVIDE TYPICAL GENERAL INDUSTRIAL SYSTEMS ARE SUFFICIENT.

Protective Gloves: WATERPROOF

Eye Protection: GLASSES, GOGGLES

Other Protective Equipment: SAFETY EYE SHOWER, WATERPROOF CLOTHING

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH W/SOAP & WATER AFTER USE.

Supplemental Safety and Health

RECOMMENDED CONCENTRATION OF MICRO FOR MOST APPLICATIONS IS 2% BY VOLUME.

## Chemical Properties

Boiling Pt: B.P. Text: 212F

Melt/Freeze Pt: M.P/F.P Text: -8C

Vapor Pres: AS WATER

Vapor Density: AS WATER

Spec Gravity: 1.14

pH: 9.7

Evaporation Rate & Reference: AS WATER

Solubility in Water: MISICIBLE

Appearance and Odor: PALE YELLOW LIQUID W/SLIGH AMMONIA ODOR

## Stability

Stability Indicator/Materials to Avoid: YES

MAY ETCH ZINC & ALUMINUM, COPPER OR THEIR ALLOYS

Stability Condition to Avoid: HEAT & ELEVATED TEMPERATURES

## Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. CONSULT W/APPROPRIATE AUTHORITIES; BIODEGRADABLE.

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