

THE PUROLITE COMPANY -- MIXED BED-ION EXCHANGE RESIN CLASS #3 -- 6810-00-849-7811
===== Product Identification =====

Product ID:MIXED BED-ION EXCHANGE RESIN CLASS #3

MSDS Date:02/05/1988

FSC:6810

NIIN:00-849-7811

MSDS Number: BFSNJ

=== Responsible Party ===

Company Name:THE PUROLITE COMPANY

Address:150 MONUMENT ROAD

City:BALA CYNWYD

State:PA

ZIP:19004-1713

Country:US

Info Phone Num:215-668-9090

E

mergency Phone Num:215-668-9090

CAGE:LO592

=== Contractor Identification ===

Company Name:THE PUROLITE CO, DIV OF BRO TECH CORPORATION

Address:150 MONUMENT RD

Box:City:BALA-CYNWYD

State:PA

ZIP:19004-1713

Country:US

Phone:610-668-9090

CAGE:67168

Company Name:THE PUROLITE COMPANY

Address:150 MONUMENT RD

City:BALA-CYNWYD

State:PA

ZIP:19004-1713

Country:US

Phone:215-668-9090

CAGE:LO592

===== Composition/Information on Ingredients =====

Ingred Name:POLYSTYRENE(CATION)RESIN

CAS:900

3-53-6
RTECS #:WL6475000
Fraction by Wt: 40%

Ingred Name:POLYVINYL BENZYLTRIMETHYL AMMONIUM CHLORIDE (ANION) RESIN
Fraction by Wt: 60%.

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===== Hazards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE MECHANICAL IRRITATION OF EYES
Explanation of Carcinogenicity:NO DATA PER MSDS
Effects of Overexposure:NONE NOTED BY MFR. LOW TOXICITY & LOW HAZARD TO HEALTH.
Medical Cond Aggravated by Exposure:IRRITATION OF EYES

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===== First Aid Measures =====

First Aid:USE STANDARD FIRST AIR PROCEDURES. CALL EMERGENCY MEDICAL CARE.

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===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

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===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP AND RETURN MATERIAL TO CONTAINER.RESIN BEADS ON FLOOR CAN LEAD TO FALLS.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED, LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED. MAINTAIN

STANDARD HYGIENE FOR CHEM HANDLING

Other Precautions:STORE BELOW 100F.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE SHOULD BE NEEDED

Ventilation:NORMAL ROOM VENTILATION.

Protective Gloves:OPTIONAL

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE

Work Hygienic Practices:KEEP WORK AREA CLEAN.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:1.2

pH:5-7

Solubilit

y in Water:NEGLIGIBLE

Appearance and Odor:AMBER SPHERICAL BEADS WITHOUT ODOR.

Percent Volatiles by Volume:50

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES,DO NOT HEAT ABOVE 428F.

Hazardous Decomposition Products:CO,CO*2,STYRENE,SO*2,DIVIMYLBENZENE.

===== Disposal Considerations =====

Waste Disposal Met

hods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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