

THE PUROLITE CO, DIV OF BRO TECH CORPORATION -- ION EXCHANGE COMPOUND-O-I-1279B  
CLASS 2 -- 6810-00-912-4766

===== Product Identification =====

Product ID:ION EXCHANGE COMPOUND-O-I-1279B CLASS 2

MSDS Date:04/01/1996

FSC:6810

NIIN:00-912-4766

MSDS Number: BFWCZ

=== Responsible Party ===

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

Address:150 MONUMENT RD

City:BALA-CYNWYD

State:PA

ZIP:1

9004-1713

Country:US

Info Phone Num:215-668-9090

Emergency Phone Num:800-343-1500

CAGE:67168

=== Contractor Identification ===

Company Name:BRO TECH CORP DBA PUROLITE CO

Address:3620 G ST

City:PHILADELPHIA

State:PA

ZIP:19134

Country:US

Phone:215-423-8234

CAGE:0A5A0

Company Name:C.T. CHEMICALS, INC./CULL-TECH CHEMICALS INC.

Address:4110 COLUMBIA ROAD

Box:City:LEBANON

State:OH

ZIP:45036-9588

Country:US

Phone:513-336-6160/459-9744

CAGE:0CVK4

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

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Composition/Information on Ingredients  
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Ingred Name:POLYVINYL BENZYL TRIMETHYLAMMONIUM CHLORIDE  
Fraction by Wt: 100%

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, RESPIRATORY TRACT.

ACUTE- EYES:MAY CAUSE MECHANICAL IRRITATION. SKIN:NOT EXPECTED TO BE A PROBLEM. ORAL:PRACTICALLY NON-TOXIC BY INGESTION.  
INHALATION:DUST MAY CAUSE RESPIRATORY TRACT IRRITATION. CHRONIC-UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION

Medical Condition Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING EYE DISEASE MAY BE MORE SUSCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO THIS PRODUCT.

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First Aid Measures  
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First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP AND WATER. INHALED:UNLIKELY. ORAL:CONSULT A PHYSICIAN.

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Fire Fighting Measures  
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Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting

g Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:IRRITATING AND/OR TOXIC GASES MAY BE  
GENERATED.

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

Spill Release Procedures:VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING  
DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL.  
VENTILATE AREA AND WASH SPILL SITE WITH WATER. CAUTION! FLOOR MAY  
BE SLIPPERY.

Neutralizing Agent:NOT RE  
LEVANT

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

Handling and Storage Precautions:STORE IN DRY PLACE AWAY FROM STRONG  
OXIDIZING AGENTS. KEEP CONTAINER TIGHTLY CLOSED. STORE BELOW  
49C/120F AND ABOVE 0C/32F.

Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES. AVOID  
INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP  
OUT OF REACH OF SMALL CHILDREN.

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

Respiratory Pr  
otection:NONE NORMALLY REQUIRED. IF AIRBORNE  
CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR  
DUST MASK.

Ventilation:ROOM VENTILATION IS SUFFICIENT UNDER NORMAL OFFICE  
CONDITIONS.

Protective Gloves:CLOTH GLOVES RECOMMENDED

Eye Protection:CHEMICAL SAFETY GOGGLES/GLASSES RECOMMEN

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE  
CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:1.11

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER BEIGE SPHERICAL BEADS - AMINE (FISHY) ODOR  
WHEN NEW

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

Stability Indicator/Materials to Avoid:YES  
CONCENTRATED NITRIC ACID OR STRONG OXIDIZING AGENTS  
Stability Conditio

n to Avoid:EXCESSIVE HEAT (TEMPERATURES ABOVE  
220C/428F)

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
STYRENE, AMMONIA, DIVINYLBENZENE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE  
AND FEDERAL REGULATIONS. CAN BE DISPOSED OF AS ORDINARY TRASH.

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