

ORBECO ANALYTICAL SYSTEMS INC -- R-529 POT IODIDE ACS CRYSTALS -- 6810-00-935-1034  
===== Product Identification =====

Product ID:R-529 POT IODIDE ACS CRYSTALS  
MSDS Date:01/01/1987  
FSC:6810  
NIIN:00-935-1034  
MSDS Number: BJNBK  
=== Responsible Party ===  
Company Name:ORBECO ANALYTICAL SYSTEMS INC  
Address:185 MARINE ST  
City:FARMINGDALE  
State:NY  
ZIP:11735  
Country:US  
Info Phone Num:516-293-4110  
Emergenc  
y Phone Num:516-223-0300  
CAGE:90767

=== Contractor Identification ===  
Company Name:ORBECO ANALYTICAL SYSTEMS INC  
Address:185 MARINE ST  
Box:City:FARMINGDALE  
State:NY  
ZIP:11735  
Country:US  
Phone:516-293-4110  
CAGE:90767

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

Ingred Name:POTASSIUM IODIDE CRYSTALS ACS  
Fraction by Wt: 100%

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:N

O Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IRRITATING TO SKIN, EYES, MUCOUS MEMBRANES. INGESTION OF LARGE QUANTITIES CAUSES ABDOMINAL PAIN, NAUSEA, VOMITING, DEATH.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:ON SKIN OR EYES, WASH WITH PLENTY OF WATER (IN EYES FOR AT LEAST 15 MINUTES). INGEST: GIVE 2-4 GLASSES OF WATER AND INDUCE VOMITING. CALL MD. INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O\*2/ARTIFICIAL RESPIRATION) .

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

Extinguishing Media:WATER FOG, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL

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

Spill Release Procedures:COVER WITH SODA ASH MIX AND SCOOP INTO A BEAKER OF WATER. NEUTRALIZE WITH 6M-HCL AND WASH DOWN DRAIN WITH EXCESS WATER.  
Neutralizing Agent:6M-HCL

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

Handling and Storage Precautions:KEEP CNTNR CLOSED & STORE AT ROOM TEMP. AVOID CONTACT WITH EYES, SKIN & CLOTHING.  
Other Precautions:DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.  
Ventilation:LOCAL EXHAUST ACCEPTABLE

BLE, MECHANICAL (GENERAL) PREFERRED.  
Protective Gloves:PLASTIC GLOVES  
Eye Protection:CHEMICAL WORKERS GOGGLES  
Other Protective Equipment:IMPERVIOUS APRON, EYE BATH  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

Spec Gravity:3.12  
Solubility in Water:COMPLETE  
Appearance and Odor:WHITE CRYSTALS, SLIGHT IODINE ODOR

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

Stability Indicator/Materials to Avoid:YES  
TARTARIC AND OTHER ACIDS, METALLIC SALTS, ALKALOIDAL SALTS  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:ADD SLOWLY TO A LARGE CONTAINER OF WATER. STIR  
IN SLIGHT EXCESS OF SODA ASH. NEUTRALIZE WITH 6M-HCL BEFORE WASHING  
DOWN DRAIN WITH EXCESS WATER.

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