

RESINTECH -- SBG2-OH HYDROXIDE FORM TYPE 2 ANION EXCHANG -- 6850-00-912-4766

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

Product ID:SBG2-OH HYDROXIDE FORM TYPE 2 ANION EXCHANG

MSDS Date:06/13/1990

FSC:6850

NIIN:00-912-4766

MSDS Number: BKBYG

=== Responsible Party ===

Company Name:RESINTECH

Address:1919 ROLLING LANE

City:CHERRY HILL

State:NJ

ZIP:08003

Country:US

Info Phone Num:609-429-6620

Emergency Phone

Num:609-429-6620

CAGE:MO218

=== Contractor Identification ===

Company Name:CRYSTALAB

Address:RT 58 BUSINESS HWY THURMAN DR

Box:667

City:LAWRENCEVILLE

State:VA

ZIP:23868

Country:US

Phone:804-848-6180

CAGE:0LU82

Company Name:RESINTECH

Address:1919 ROLLING LANE

Box:City:CHERRY HILL

State:NJ

ZIP:08003

Country:US

Phone:609-429-6620

CAGE:MO218

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

Ingred Name:STYRENE DIVINYLBENZENE ANION EXCHANGE RESIN (HYDROXIDE
FORM)

CAS:69011-16

Fraction by Wt: 27-40%

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 60-73%

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES/SKIN: CONTACT CAN CAUSE ACUTE IRRITATION. AVOID BREATHING OF DUSTS. INHALATION MAY RESULT IN COUGH AND CHEST DISCOMFORT.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION OF EYES/SKIN/RESPIRATORY TRACT.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED.

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

Extinguishing Media:USE WATER, CARBON DIOXIDE, TALC, OR DRY CHEMICAL AS APPROPRIATE FOR SURROUNDING MATERIAL.
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:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:SWEEP THE SPILL AREA. COLLECT AND PLACE SPILLED MATERIAL IN CONTAINER FOR DISPOSAL. AVOID RAISING DUST. BE CAREFUL OF SLIPPERY FLOOR CONDITIONS.
Neutralizing Agent:NONE

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

Handling and

Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:AVOID CONTACT WITH WATER.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:HAVE EYEWASH FOUNTAIN AVAILABLE

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Spec Gravity:1.2

pH:8-11

Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT TAN TO DARK
BROWN BEADS; AMINE ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS SUCH AS NITRIC ACID

Stability Condition to Avoid:TEMPERATURES > 400F

Hazardous Decomposition Products:CO, CO2, AMMONIA, AMINES, STYRENE,
DIVINYLBENZENE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.

n.