

GRAVER CO THE GRAVER CHEMICAL DIV -- ION EXCHANGE RESIN -- 6810-00-559-3267
===== Product Identification =====

Product ID:ION EXCHANGE RESIN

MSDS Date:03/31/1990

FSC:6810

NIIN:00-559-3267

MSDS Number: BGXCX

=== Responsible Party ===

Company Name:GRAVER CO THE GRAVER CHEMICAL DIV

Address:2720 US HWY 22

City:UNION

State:NJ

ZIP:07083-8512

Country:US

Info Phone Num:201-964-0768; FAX, 201-964-2481

Eme

rgency Phone Num:201-964-0768

Preparer's Name:QUALITY ASSURANCE

CAGE:95288

=== Contractor Identification ===

Company Name:GRAVER CO THE GRAVER CHEMICAL DIV

Address:2720 US HWY 22

Box:City:UNION

State:NJ

ZIP:07083-8512

Country:US

Phone:908-964-0768

CAGE:95288

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

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

CAS:69011-18-3

Other REC Limits:NONE RECOMMENDED

Ingred Name:STYRENE DIVINYLBENZENE ANION EX

CHANGE RESIN (HYDROGEN FORM)
CAS:69011-20-7
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN AND
RESPIRATORY TRACT. CHRONIC:IRRITATION.
Explanation of Carcinogenicity:PER MFR;NO DATA AVAILABLE (NOT KNOWN)
Effects
of Overexposure:SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Exposure:NONE KNOWN TO MFR.

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===== First Aid Measures =====
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First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15 MINUTES;SEEK
MEDICAL HELP;SKIN:WASH WITH SOAP AND WATER;INHALATION:REMOVE TO
FRESH AIR;INGESTION:CONSULT A PHYSICIAN IMMEDIATELY.

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===== Fire Fighting Measures =====
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Flash Point:NONE
Extinguishing Media:DRY CHEMICAL
Fire Fighting Procedures:NONE NEEDED;USE NIOSH/MSHA APPROVED SCBA IN AN
ENCLOSED AREA.
Unusual Fire/Explosion Hazard:NONE NOTED.

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===== Accidental Release Measures =====
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Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP AND
RECOVER FOR PROPER DISPOSAL.

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===== Handling and Storage =====
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Handling and Storage Precautions:AVOID CONTACT WITH EYES AND
SKIN;MATERIAL MAY BE SLIPPERY,DO NOT WALK ON.

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===== Exposure Control
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s/Personal Protection =====

Respiratory Protection:NOT NORMALLY NEEDED IF THERE IS AN ADEQUATE VENTILATION.

Ventilation:ROOM VENTILATION.

Protective Gloves:AS REQUIRED.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:APRON,EYE-WASH FACILITIES.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;WASH THOROUGHLY AFTER USE.

Supplemental Safety and Health

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

HCC:N1

Spec Gravity:1.2

Solubility in Water:

r:INSOLUBLE

Appearance and Odor:TAN TO DARK BROWN BEADS,AMINE ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,NITRIC ACIDS.

Stability Condition to Avoid:EXTREME HEAT.

Hazardous Decomposition Products:OXIDES OF CARBON,OXIDES OF NITROGEN,OXIDES OF SULFUR.

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

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

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particular situation.