

ROHM AND HAAS CO -- AMBERLITE DP-1 ION EXCHANGE RESIN, 69573 -- 6810-01-014-1029
===== Product Identification =====

Product ID:AMBERLITE DP-1 ION EXCHANGE RESIN, 69573

MSDS Date:02/19/1991

FSC:6810

NIIN:01-014-1029

MSDS Number: BYFBJ

=== Responsible Party ===

Company Name:ROHM AND HAAS CO

Address:100 INDEPENDENCE MALL WEST

City:PHILADELPHIA

State:PA

ZIP:19106-2399

Country:US

Info Phone Num:215-59

2-3000

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:77902

=== Contractor Identification ===

Company Name:ROHM AND HAAS CO

Address:100 INDEPENDENCE MALL WEST

Box:City:PHILADELPHIA

State:PA

ZIP:19106-2399

Country:US

Phone:215-592-2521/215-592-3000

CAGE:77902

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

Ingred Name:CATION EXCHANGE POLYMER; (WEAK ACID CATION EXCHANGE
POLYMER, SODIUM ION FORM.)

CAS:63182-04-7

Fraction by Wt: 30-40%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred

Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 60-70%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:SUPDAT:USE, AND MAINTENANCE OF EXHAUST SYSTEMS.
RTECS #:9999999ZZ

Ingred Name:EYE PROT:(ANSI Z87.1 OR APPROVED EQUIVALENT)
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:MATERIAL CAN CAUSE IRRITATION.
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:INGEST:CALL MD IMMEDIATELY . INHAL:REMOVE TO FRESH AIR.
SUPPORT BREATHING (GIVE O*2/ARTF RESP) . EYES:IMMEDIATELY FLUSH
W/POTABLE WATER FOR A MINIMUM OF 15 MINUTES, SEEK ASSISTANCE FROM
MD . SKIN:FLUSH W/C
OPIOUS AMOUNTS OF WATER. CALL MD .

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

Extinguishing Media:USE THE FOLLOWING EXTINGUISHING MEDIA WHEN FIGHTING
FIRES INVOLVING THIS MATERIAL;CARBON DIOXIDE, DRY CHEM, WATER
SPRAY.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures

:WEAR GLOVES MADE OF COTTON/CANVAS. ADDNL
PERSONAL PROT EQUIP SHOULD INCLUDE SFTY GLASSES (ANSI Z87.1/APPRVD
EQUIV). FLOOR MAY BE SLIPPERY; USE CARE TO AVOID FALLING. TRANSFER
SPILLED MATL TO SUITABLE CNTNRS FOR RECOVERY/DISP.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MIN REC STOR TEMP IS 0C/32F. MAX REC
STOR TEMP IS 50C/140F. KEEP FROM FREEZING; MATL STAB MAY BE
A

AFFECTED. MAX REC OPERATING TEMP IS 120C/250F.

Other Precautions:PROPERLY DESIGNED EQUIP IS VITAL IF THESE ION
EXCHANGE RESINS ARE TO BE USED IN CONJUNCTION W/STRONG OXIDIZING
AGENTS SUCH AS NITRIC ACID TO PVNT RAPID BUILD-UP OF PRESS & POSS
EXPLO. CONSULT SOURCE K NOWLEDGEABLE IN HNDLG OF MATLS (SUP DAT)

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

Respiratory Protection:A NIOSH/MSHA APPROVED RESP PROT PROGRAM MEETING
OSHA 1910.134 & ANSI Z88.2 REQS MUST
BE FOLLOWED WHENEVER WORKPLACE
CNDTNS WARRANT RESP'S USE. NONE REQ UNDER NORMAL OPERATING
CONDITIONS.

Ventilation:VENT SYS EMPLOYED IS DEPENDENT ON USER'S SPECIFIC APPLICATN
OF MATL. REFER TO CURRENT EDITION OF "INDUST VENT:A (SUPDAT)

Protective Gloves:GLOVES MADE OF COTTON OR CANVAS.

Eye Protection:SFTY GLASSES (ING 4)

Other Protective Equipment:FACILITIES STORING/UTILIZING MATL SHOULD BE
EQUIPPED WITH AN EYE WASH FACILITY. ANSI APPRVD DELUGE SHOWER .

Work Hygienic Practices:NON
E SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

PH:7-9.5 (AQUEOUS SLURRY). OTHER PREC:BEFORE PRECEDING. DO NOT PACK
COLUMN W/DRY ION EXCHANGE RESINS. DRY BEADS EXPAND WHEN WETTED;
THIS EXPANSION CAN CAUSE GLASS COLUMNS TO SHATTER. VENT:MANUAL OF
RE C PRACT" PUBLISHED BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUST
HYGIENISTS FOR INFO ON DESIGN, INSTALLATION, (ING 3)

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

Boiling Pt:B.P. Text:212F,100C

Mel

t/Freeze Pt:M.P/F.P Text:32.0F,0.0C

Vapor Pres:17 @ 68F

Vapor Density:0.62

Spec Gravity:1.17 (H*2O=1)

pH:SUPDAT

Evaporation Rate & Reference:200C/392F.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YIELD
ACRYLATE MONOMER AND DIVINYLBENZENE.

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

Waste Disposal Methods:UNUSED RESIN MAY BE INCINERATED OR LANDFILLED IN
FACILITIES MEETING LOCAL, STATE AND FEDERAL REGULATIONS. FOR
CONTAMINATED RESIN, THE USE
R MUST DETERMINE THE HAZARD AND USE AN
APPROPRIATE DISPOSAL MET HOD.

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