

BARNSTEAD CO.,DIVISION OF SYBRON CORP. -- IONAC NM-60 -- 4610-00-998-8279

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

Product ID:IONAC NM-60

MSDS Date:01/01/1987

FSC:4610

NIIN:00-998-8279

MSDS Number: BGCMV

=== Responsible Party ===

Company Name:BARNSTEAD CO.,DIVISION OF SYBRON CORP.

Emergency Phone Num:609-893-1100

CAGE:MO467

=== Contractor Identification ===

Company Name:BARNSTEAD CO.,DIVISION OF SYBRON
CORP.

CAGE:MO467

Company Name:BARNSTEAD/THERMOLYNE CORP, DIV OF SYBRON CORP

Address:2555 KERPER BLVD

Box:City:DUBUQUE

State:IA

ZIP:52001-1461

Country:US

Phone:800-446-6060/ FAX: 319-589-0516

CAGE:05852

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

Ingred Name:POLYSTYRENE SULFONIC ACID(C*8H*8O*3S)*X

Fraction by Wt: 22.5%

Ingred Name:POLYVINYLBENEZYLTRIMETHYL AMMONIUM(C*12H*19NO)*X

Fraction by Wt: 25%.

Ingred Name:WATER(ONLY WHEN BEING IN USE)

CAS:7732-18-5

RTECS #:ZC011

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Fraction by Wt: 52.5%

Ingred Name:THE CARTRIGE CONSISTS OF 3 COMPONENTS:INGRED 1&2 AND

ACTIVATED CARBON-NSN:4610009988279

RTECS #:9999999ZZ

Ingred Name:FROM ABOVE:FSCM:07750

RTECS #:9999999ZZ

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

Effects of Overexposure:EYE CONTACT:PRODUCT CAN CAUSE EYE IRRITATION.

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

First Aid:EYE CONTACT:FLUSH EYES WITH COPIOUS WATER FOR 15 MINUTES. IF
IRRITATION

PERSISTS, SEE A PHYSICIAN.

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

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE OR WATER FOG.
Fire Fighting Procedures: SEE "SUPPLEMENTAL DATA"
Unusual Fire/Explosion Hazard: TOXIC DECOMPOSITION PRODUCTS.

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

Spill Release Procedures: SLIPPERY FLOOR. MAY CAUSE FALLS. SWEEP UP
SPILLED MATERIAL AND TRANSFER TO CONTAINERS.

===== Handling and Storage =
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Handling and Storage Precautions: AVOID FREEZING, STORING FOR LONG
PERIODS AT TEMP. ABOVE 100F, OR CONTACT WITH STRONG OXIDIZING AGENT
SUCH AS NITRIC ACID.
Other Precautions: SHOULD NOT BE ALLOWED TO DRY OUT. DAMAGED BAGS SHOULD
BE REPLACED AND THE RESIN REWETTED. DO NOT PACK IN UNPROTECTED
GLASS COLUMNS, MAY CAUSE COLUMN TO SHATTER DUE TO EXPANSION OF THE
BEADS.

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

Ventilation: NORMAL ROOM VE
NTILATION
Protective Gloves: IMPERVIOUS
Eye Protection: SPLASH GOGGLES
Other Protective Equipment: LOCAL EYE WASH FACILITY
Supplemental Safety and Health
SPECIAL FIRE FIGHT. PROC.: WEAR MSHA/NIOSH-APPROVED, PRESSURE
DEMAND, SELF-CONTAINED BREATHING APPARATUS OR EQUIVALENT.
CHEM. FORMULA: (C*8H*8O*3S)*X/(C*12H*19NO)*X.

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

HCC: N1
Vapor Pres: 17
Vapor Density: 0.62
Spec Gravity: 1.2
Evaporation Rate & Reference: 1 (H*2O=1)
Solubilit

y in Water:NEGLIGIBLE

Appearance and Odor:MIXTURE OF DARK & LIGHT BEADS,ODORLESS,PH(AQ) 6-8

Percent Volatiles by Volume:55

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS,NITRIC ACID

Stability Condition to Avoid:TEMP. ABOVE 400F/204C

Hazardous Decomposition

Products: NH_3 ,CO, CO_2 ,DIVINYLBENZENE,STYRENE, SO_2 SO_3 , $\text{N}(\text{CH}_3)_3$.

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

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Waste Disposal Methods:THIS MATERIAL,ITS RINSING OR SPILL RESIDUES MUST BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE AND LOCAL REGULATIONS.

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