

SYBRON CHEMICALS INC -- IONAC NC-10 ION EXCHANGE COMPOUND -- 6810-00-849-7812

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

Product ID:IONAC NC-10 ION EXCHANGE COMPOUND

MSDS Date:10/29/1988

FSC:6810

NIIN:00-849-7812

MSDS Number: BSDRJ

=== Responsible Party ===

Company Name:SYBRON CHEMICALS INC

Address:BIRMINGHAM RD

City:BIRMINGHAM

State:NJ

ZIP:08011

Country:US

Info Phone Num:609-893-1100

Emergency Phone Num

:609-893-1100

Preparer's Name:MARKETING DEPT

CAGE:76465

=== Contractor Identification ===

Company Name:SYBRON CHEMICALS INC,SUB OF SYBRON CORP

Address:BIRMINGHAM RD

Box:66

City:BIRMINGHAM

State:NJ

ZIP:08011

Country:US

Phone:609-893-1100

CAGE:76465

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

Ingred Name:SULFONATED COPOLYMER OF STYRENE AND DIVINYLBENZENE IN  
HYDROGEN FORM

CAS:69011-20-7

Fraction by Wt: 50-60%

Other REC Limits:NONE SPECIFIED

Ingred Name:WATER

CAS:7732

-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 40-50%  
Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE/CHRONIC:CAN PRODUCE MECHANICAL IRRITATION TO THE EYE. MAY CAUSE SKIN IRRITATION OF HYPERSENSITIVE PERSONNEL.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.  
Effects of Overexposure:RED, IRRITATED EYES, ITCHING & FEELING THAT A PARTICLE EXISTS BETWEEN THE EYELID & EYE.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point:NONFLAMMABLE  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE OR WATER FOG.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT. GUARD AGAINST CONTACT OF PRODUCT WITH EYE DURING SALVAGE OPERATION.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures  
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Spill Release Procedures:SWEEP AREA OF PRODUCT, COLLECTING IN A CONTAINER FOR DISPOSAL. AREAS OF SPILL CAN BECOME EXTREMELY SLIPPERY. ALL NORMAL SAFETY PRECAUTIONS SHOULD BE OBSERVED.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:AVOID FREEZING/PROLONGED STORAGE >50C; PRODUCT CONTAINS WATER WHICH WILL FR

EEZE & DAMAGE PRODUCT. DRY-OUT

ALSO DAMAGING TO PRODUCT. AVOID FREEZING.

Other Precautions:AVOID PACKING PRODUCT IN UNPROTECTED GLASS COLUMN.  
EXPANSION OF PRODUCT CAN CAUSE GLASS COLUMN TO SHATTER.

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

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

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:LONG SLEEVE SHIRTS & LONG TROUSERS IS  
RECOMMENDED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

PRODUCT HAS TENDENCY TO CLING TO SKIN DUE TO STATIC CHARGE. CARE MUST  
BE EXERCISED TO REMOVE ALL PRODUCT FROM SKIN. WHEN  
TRANSFERRING

PRODUCT TO OTHER CONTAINERS VIA HYDRAULIC (WATER) SLURRY ALL SAFET  
Y PRACTICES ESTABLISHED FOR USE OF WATER IN THE WORK SPACE MUST BE  
OBSERVED.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:32F,0C

Vapor Pres:17

Vapor Density:0.62

Spec Gravity:1.3

pH:6-9

Evaporation Rate & Reference:1 (H2O=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:SOLID SPHERICAL BEADS; ODORLESS.

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS SUCH AS NITRIC ACID.

Stability Condition to Avoid: AT TEMPERATURES >204C DECOMPOSITION

OCCURS. EXPLOSIVE REACTIONS CAN OCCUR IN THE PRESENCE OF STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, STYRENE, DIVINYLBENZENE.

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

Waste Disposal Methods: PRE

VENT WASTE FROM CONTAMINATING SURROUNDING

ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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