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

Product ID:IONAC NM-60

MSDS Date:12/13/1991

FSC:4330

NIIN:00-005-5030

MSDS Number: CGLQN

=== Responsible Party ===

Company Name:SYBRON CHEMICALS INC,SUB OF SYBRON CORP

Address:BIRMINGHAM RD

Box:66

City:BIRMINGHAM

State:NJ

ZIP:08011

Country:US

Info Phone Num:609-893-1100

Emergency Phone Num:609-893-1100/800-424-9300(CHEMTREC)

CAGE:76465

=== Contractor I

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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

Company Name:SYBRON CORP (414-274-6600)

Box:UNKNOW

CAGE:50969

Company Name:VAPONICS INC

Address:20 RESERVOIR PARK DR

Box:City:ROCKLAND

State:MA

ZIP:02370

Country:US

Phone:617-982-9900

CAGE:34203

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

Ingred Name:DIETHENYL BENZENE POLYMER WITH ETHENYLBENZENE

AND ETHYL

ETHENYL BENZENE, SULFONATED (HYDROGEN FORM)

CAS:69011-20-7

Fraction by Wt: 20-30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHENYL BENZENE POLYMER W/ETHENYL BENZENE &
ETHENYLETHYL BENZENE CHLOROMETHYLATED TRIMETHYLAMINE QUARTERNIZED
HYDROXIDE

CAS:69011-18-3

Fraction by Wt: 15-30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZE2625000

Fraction by Wt: 50-60%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:CAN PRODUCE MECHANICAL
IRRITATION TO EYES. CAUSE SKIN IRRITATION OF HYPERSENSITIVE
PERSONNEL. CHRONIC:SAME AS ABOVE.

Explanation of Carcinogenicity:PER MFG'S MSDS CARCINOGENIC RESULTS NOT
DETERMINED FOR PRODUCT.

Effects of Overexposure:RED, IRRITATED EYES, ITCHING AND FEELING THAT A
PARTICLE EXISTS BETWEEN THE EYELID
AND EYE. SKIN:REDNESS, ITCHING,
DISCOMFORT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====
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First Aid:FLUSH EYES AND SKIN W/COPIOUS QUANTITIES OF WATER FOR 15MIN.
IF IRRITATION PERSISTS, SEE DOCTOR.

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===== Fire Fighting Measures =====
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Flash Point:N/D

Autoignition Temp:Autoignition Temp Text:>500C

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:CARBON DIOXIDE

, DRY CHEMICAL OR WATER FOG.

Fire Fighting Procedures:WEAR MSHA/NIOSH APPROVED PRESSURE DEMAND,
SELF-CONTAINED BREATHING APPARATUS. GUARD AGAINST CONTACT OF
PRODUCT W/EYES DURING SALVAGE OPERATION.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SWEEP AREA OF PRODUCT, COLLECTING IN A
CONTAINER FOR DISPOSAL.

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

Handling and Storage Precautions:AVOID FREEZING OR PROLONGED STORAGE
ABOVE 50C (PRODUCT CONTAINS WATER WHICH WILL FREEZE OR DRY OUT
DAMAGING PRODUCT).

Other Precautions:PRODUCT HAS A TENDENCY TO CLING TO SKIN DUE TO STATIC
CHARGE. CARE MUST BE EXERCISED TO REMOVE ALL PRODUCT FROM SKIN.
PRODUCT CAUSES AREAS TO BECOME EXTREMELY SLIPPERY WHEN SPILLED.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilat

ion:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SPLASH GOGGLES

Other Protective Equipment:LONG SLEEVE SHIRTS AND LONG TROUSERS TO
PREVENT SKIN CONTACT.

Work Hygienic Practices:FLUSH PRODUCT FROM HANDS W/SOAPY WATER. AVOID
EYE CONTACT TIL HANDS ARE CLEANED.

Supplemental Safety and Health

NONE

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

HCC:N1

Boiling Pt:B.P. Text:N/D

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

Decomp Temp:Decom

p Text:>399F,>204C

Vapor Pres:17

Vapor Density:0.62,WATER

Spec Gravity:1.2

pH:6-9

Evaporation Rate & Reference:1 (WATER=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:SOLID, SPHERICAL BEADS WITH SLIGHTLY FISHY ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS NITRIC ACID.

Stability Condition to Avoid:TEMPERATURES ABOVE 204C DECOMPOSITION

OCCURS. EXPLOSIVE REACTIONS CAN OCCUR IN PRES

ENCE OF STRONG

OXIDIZING AGENTS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,

STYRENE, DIVINYLBENZNE.

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

Waste Disposal Methods:AS SUPPLIED, NEW OR USED ION EXCHANGE RESINS

GENERALLY ARE NOT HAZARDOUS & THEREFORE ARE NOT CONSIDERED AS

HAZARDOUS WASTES. USED RESINS MAY MEET REGULATORY DEFINITION OF

HAZARDOUS WASTES AS A RESULT OF THEIR SERVICE. DISPOSE IAW

FED/STATE/LOCAL LAWS

Discla

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