

NATIONAL CHEMSEARCH DIV OF NCH CORP -- STAT-FREE, 0189 -- 6850-00N023527

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Product Identification
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Product ID:STAT-FREE, 0189
MSDS Date:09/11/1990
FSC:6850
NIIN:00N023527
MSDS Number: BQBG
=== Responsible Party ===
Company Name:NATIONAL CHEMSEARCH DIV OF NCH CORP
Box:152170
City:IRVING
State:TX
ZIP:75015
Country:US
Info Phone Num:214-438-1381
Emergency Phone Num:214-438-1381
Preparer's Name:RICHARD STOLLEY
CAGE:DO481

==== Contractor Identification ====

Company Name:NATIONAL CHEMSEARCH DIV OF NCH CORP
Address:2727 CHEMSEARCH BLVD
Box:152170
City:IRVING
State:TX
ZIP:75015-5000
Country:US
Phone:972-438-1381
CAGE:DO481
Company Name:NCH CORP
Address:2727 CHEMSEARCH BLVD
Box:152170
City:IRVING
State:TX
ZIP:75015-2170
Country:US
Phone:972-438-0563
CAGE:20913

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL. LD50:(ORAL RAT) 5840 MG/KG
CAS:67-63-0
RTECS #:NT8050000
OSHA PEL:400 PPM; 500 STEL
ACGIH TLV:400 PPM; 500 STEL

Ingred Name:AMMONIUM, HEXADECYLTRIMETHYL-, BROMIDE; (CETYLTRIMETHYL
AMMONIUM BROMIDE)
CAS:57-09-0
RTECS #:BQ7875000

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Hazards Identification
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LD50 LC50 Mixture:SEE INGREDIENT 1
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INGEST:SLIGHTLY TOX. INGEST OF A
LGE QTY MAY CAUSE DROW & LOSS OF CONSCIOUSNESS. STOMACH CRAMPS,
PAIN, NAUS, VOM & DIARR MAY ALSO OCCUR. SKIN:NONE CURRENTLY KNOWN.
INHAL:LOW CONC MAY CAUSE MILD IRRIT OF EYES, NOSE & THROAT. CONC
ABOVE THE TLV MAY RSLT IN HDCH & DROW. EYE:CAUSES SLIGHT TO MOD
(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:IRRITATION, W/POSSIBLE INJURY.

CHRONIC:MARKED IRRITATION TO EYES. PROLONGED SKIN CONTACT COULD
LEAD TO IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE TO FRESH AIR. IF BRTHG STOPS, GIVE ARTF RESP &
GET MD AS SOON AS POSS. EYE:FLUSH IMMED W/LGE QTYS OF WATER FOR AT
LEAST 15 MINS. GET MD IF IRRIT PERSISTS. SKIN:REMOVE CONTAMD CLTHG
& FLUS H SKIN W/WATER. INGEST:GIVE TWO GLASSESOF WATER & INDUCE
VOM. IF A SIGNIFICANT QTY HAS BEEN SWALLOWED. GET MD PROMPTLY. NOTE
TO MD:THERE IS NOT SPECIFIC ANTIDOTE. TREATMENT OF (SUPP DATA)

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

Flash Point Method:TCC

Flash Point:87.0F,30.6C

Extinguishing Media:FOAM, CARBON DIOXIDE & DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:UNDER SPECIFIC CONDITIONS BROMINE CAN BE
RELEASED.

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

Spill Release Procedures:MOP UP.

Neutralizing Agent:SOAP & WATER WILL NEUTRALIZE THIS MATERIAL.

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

Handling and Storage Precautions:STORE INDOORS BETWEEN 32F MINIMUM &
120F MAXIMUM. KEEP FROM CHILDREN.

Other Precautions:FOLLOW LABEL DIRECTIONS. DO NOT OVER APPLY.

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

Respiratory Protection:NIOSH/MSHA APPROVED:1000 PPM CCROVF; 5000 PPM
GMOVC; 20,000 PPM GMOVF6/SAF/SCBAF; ESCAPE GMOV/SCBA.

Ventilation:GOOD INDUS HYGIENE PRACT DICTATES THAT THE WORK AREA SHOULD
BE ISOLATED, CONTAINED & PROVIDED W/ADEQ LOC (SUPP DATA)

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NOT APPLICABLE.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC:OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF
SYMPTOMS & THE CLINICAL CONDITION. VENT:EXHAUST VENTILATION OR
OTHER CONTROLS TO MAINTAIN THE AIR CONCENTRATION OF ISOPROPANOL

BELOW 40 0 PPM AS REQUIRED.

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

HCC:F4
Boiling Pt:B.P. Text:180F,82C
Vapor Pres:20
Vapor Density:2
Spec Gravity:0.985
pH:7.0
Evaporation Rate & Reference:0.1 (BUTYL ACETATE=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR WATER WHITE; ISOPROPANOL ODOR.
Percent Volatiles by Volume:98

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

Stability Indicator/Materials to Avoid:YES
NONE.
Stability Condition to Avoid:NOT APPLICABLE.
Hazardous Decomposition Products:HYDROGEN BROMIDE, CARBON MONOXIDE &
NITROGEN OXIDE.

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

Waste Disposal Methods:MAY BE DISPOSED IN SANITARY SEWER W/COPIOUS
AMOUNTS OF WATER. DISPOSAL MUST BE IN ACCORDANCE W/FEDERAL, STATE &
LOCAL REGULATIONS.

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