

NALFLEET INC -- 9-111 (NF-411) -- 6850-01-287-1057

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

Product ID:9-111 (NF-411)
MSDS Date:06/01/1991
FSC:6850
NIIN:01-287-1057
MSDS Number: BRQHY
=== Responsible Party ===
Company Name:NALFLEET INC
Address:195 MOUNTAIN AVE
City:SPRINGFIELD
State:NJ
ZIP:07081-1216
Country:US
Info Phone Num:201-379-1340
CAGE:95719
=== Contractor Identification ===
Company Name:NALFLEE
T INC
Address:195 MOUNTAIN AVE
Box:City:SPRINGFIELD
State:NJ
ZIP:07081-1755
Country:US
Phone:973-379 -1340
CAGE:95719

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

Ingred Name:SODIUM HYDROXIDE (SARA III)
CAS:1310-73-2
RTECS #:WB4900000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM NITRITE (SARA III)
CAS:7632-00-0
RTECS #:RA1225000
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1

00 LBS
DOT Rpt Qty:100 LBS

Ingred Name:SODIUM TOLYLTRIAZOLE
CAS:64665-57-2
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM NITRATE
CAS:7631-99-4
RTECS #:WC5600000
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE AND CHRONIC HEALTH HAZARDS
ARE
DIFFICULT TO ACCURATELY ASSESS FOR MIXTURES. SPECIFIC CHRONIC
EFFECTS CAN BE STUDIED FROM THE INDIVIDUAL HAZARDOUS CHEMICALS
UNDER INGREDIENTS AS THE BEST GUESS WI THOUT EXTENSIVE LABORATORY
STUDIES.
Effects of Overexposure:IMMEDIATE CONTACT WILL CAUSE STRONG BURNING OF
SKIN, EYES AND MUCOUS MEMBRANES. MATERIAL IS CORROSIVE TO ALL BODY
TISSUES.
Medical Cond Aggravated by Exposure:A KNOWLEDGE OF THE AVAILABLE
TOXICOLOGY INFORMATION AND OF THE PHYSICAL PROPERTIES O
F THE
MATERIAL SUGGESTS THAT EXPOSURE IS UNLIKELY TO AGGRAVATE EXISTING
MEDICAL CONDITIONS.

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

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15
MINUTES. SEEK MEDICAL ATTENTION AS SOON AS POSSIBLE. FAST RESPONSE
DURING THE FIRST MINUTE IS CRITICAL. SKIN: WASH WITH WATER THEN
NEUTRALIZE WI TH DILUTE VINEGAR OR MILD ACIDIC JUICE.INHALATION:
REMOVE TO FRESH AIR. GET A DOCTOR IF INDICATED. ING
ESTION: WASH
MOUTH AND OTHER CONTACTED PARTS WITH WATER. DO NOT INDUCE VOMITING.
CALL A DOCTOR.

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

Extinguishing Media:THIS PRODUCT IS NOT COMBUSTIBLE. USE EXTINGUISHING
MEDIA SUITABLE FOR SURROUNDING MATERIALS.
Fire Fighting Procedures:PROTECTIVE CLOTHING AND PRESSURE-DEMAND,
SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN BY FIREFIGHTERS
IN AREAS WHERE THESE PRODUCTS ARE STORED.
Unusual Fire/Explosion Haz

ard:AS ABOVE

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

Spill Release Procedures:CONFINE ALL SPILLED MATERIAL WITH DIKING MATERIAL. SUCK UP ALL MATERIAL AS QUICKLY AS POSSIBLE WITH A VACUUM TRUCK. SMALLER SPILLS CAN BE ABSORBED DIRECTLY WITH CLAYS, SAND OR OTHER SUITABLE MATERIALS . PLACE COLLECTED MATERIALS IN APPROPRIATE DRUMS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Hand
ling and Storage Precautions:DO NOT FREEZE PRODUCT. DO NOT SUBJECT PRODUCT TO EXCESSIVE HEAT. DO NOT CONTAMINATE FOOD STUFFS. MIX ONLY WITH WATER.

Other Precautions:DO NOT MIX WITH ANY OTHER CHEMICALS EXCEPT UNDER DIRECT SUPERVISION. DURING STORAGE AND TRANSPORT OF THE PRODUCT KEEP DRY AT ALL TIMES.

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

Respiratory Protection:USUALLY NONE NEEDED.

Ventilation:LOCAL EXHAUST IS RECOMMENDED. MECHANICAL (GENERAL)
VE

NTILATION IS USUALLY SUFFICIENT.

Protective Gloves:PVC, RUBBER OR SIMILAR TYPE.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:WEAR LONG-SLEEVE SHIRTS, NON-SLIP SAFETY
SHOES, SPLASH APRON

Work Hygienic Practices:LAUNDER ALL CLOTHING BEFORE REUSE. DISCARD ALL
CONTAMINATED GLOVES, BOOTS AND OTHER ARTICLES THAT CANNOT BE
CLEANED.

Supplemental Safety and Health

IF SENSITIVITY OR AGGRAVATION OF ALLERGY, OR UNANTICIPATED PERSONAL
HEALTH PROBLEMS BECOME EVIDENT, STOP USE AND S
EE YOUR SUPERVISOR.

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

HCC:B3

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

Spec Gravity:1.350 (WATER=1)

pH:12.2

Evaporation Rate & Reference: