

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

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===== 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:NALFLE

ET INC

Address:195 MOUNTAIN AVE

Box:City:SPRINGFIELD

State:NJ

ZIP:07081-1755

Country:US

Phone:973-379 -1340

CAGE:95719

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===== 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:

100 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 HAZARD

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DIFFICULT TO ACCURATELY ASSESS FOR MIXTURES. SPECIFIC CHRONIC EFFECTS CAN BE STUDIED FROM THE INDIVIDUAL HAZARDOUS CHEMICALS UNDER INGREDIENTS AS THE BEST GUESS WITHOUT 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 OF 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 WITH DILUTE VINEGAR OR MILD ACIDIC JUICE. INHALATION: REMOVE TO FRESH AIR. GET A DOCTOR IF INDICATED. INGESTION: 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 Ha

zard: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 =====

Handling 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)  
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ENTILATION 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 SEE 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: