

NATIONAL RESEARCH & CHEMICAL -- NACCOSTAR FIXER -- 6750-00-250-8581

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Product Identification
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Product ID:NACCOSTAR FIXER

MSDS Date:05/20/1990

FSC:6750

NIIN:00-250-8581

MSDS Number: BKMVG

=== Responsible Party ===

Company Name:NATIONAL RESEARCH & CHEMICAL

Address:14439 S. AVALON BL.

City:GARDENA

State:CA

ZIP:90248

Country:US

Info Phone Num:213-515-1700

Emergency Phone Num:213-515-1700

C

AGE:20385

=== Contractor Identification ===

Company Name:NATIONAL RESEARCH AND CHEMICAL CO

Address:15600 NEW CENTURY DRIVE

Box:City:GARDENA

State:CA

ZIP:90248-2140

Country:US

Phone:213-515-1700

CAGE:20385

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Composition/Information on Ingredients
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Ingred Name:AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000

Fraction by Wt: 14%

Other REC Limits:NONE SPECIFIED

Ingred Name:ACETIC ACID (SARA III)

CAS:64-19-7

RTECS #:AF1225000

Fraction by Wt: 1%

Other REC Limits:NONE

SPECIFIED
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:BORIC ACID
CAS:10043-35-3
RTECS #:ED4550000
Fraction by Wt: 2%
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM SULFATE
CAS:7757-82-6
RTECS #:WE1650000
Fraction by Wt: 3%
Other REC Limits:NONE SPECIFIED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 80%
Other REC Limits:NONE SPECIFIED

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

Routes
of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-POSSIBLE INFLAMMATION OF SKIN,
EYES OR MUCOUS MEMBRANES.CHRONIC-NOT GIVEN.
Effects of Overexposure:SEE HEALTH HAZARDS SECTION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:CALL A DOCTOR IF NEEDED.EYE:IMMEDIATELY FLUSH W/WATER 15
MIN,HOLD LIDS OPEN
.SKIN:WASH WITH SOAP & WATER.INHALATION:REMOVE TO
FRESH AIR.INGESTION:IF CONSCIOUS,DRINK LARGE AMOUNT OF WATER.

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

Flash Point:NONE
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:MOP UP SPILLS WITH WASTE TOWELING. FLUSH WITH
LARGE AMOUNT OF WATER TO S

EWER SYSTEM.

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Handling and Storage
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Handling and Storage Precautions:STORAGE-STORE IN A COOL DRY PLACE.
Other Precautions:WASH THOROUGHLY AFTER HANDLING.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE NORMALLY REQUIRED.
Ventilation:MECHANICAL (GENERAL)
Protective Gloves:RUBBER OR NEOPRENE
Eye Protection:CHEMICAL SAFETY GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.
Work Hygiene Practices:DON'T STORE/CONSUME FOOD/DRINK IN AREA WHERE
THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL.WASH HANDS AFTER
HANDLING.
Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:N1
Boiling Pt:B.P. Text:212F,100C
Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C
Spec Gravity:1.1
pH:5.20
Solubility in Water:COMPLETE
Appearance and Odor:LIQUID, AMMONIA AND VINEGAR ODOR

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:DIRECT HEAT

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Disposal Considerations
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Waste Disposal Methods:IF FEDERAL,STATE, AND LOCAL REGULATIONS PERMIT,
FLUSH THE MATERIAL TO SEWER WITH LARGE AMOUNTS OF WATER.

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