

ORBECO ANALYTICAL SYSTEMS,INC -- R-513 HARDNESS TITRATING SOLUTION --
6810-01-072-1978

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Product Identification
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Product ID:R-513 HARDNESS TITRATING SOLUTION

MSDS Date:01/01/1987

FSC:6810

NIIN:01-072-1978

MSDS Number: BGKLQ

=== Responsible Party ===

Company Name:ORBECO ANALYTICAL SYSTEMS,INC

Emergency Phone Num:516-222-0300

CAGE:1CV49

=== Contractor Identification ===

Company Name:ORBECO

ANALYTICAL SYSTEMS,INC

CAGE:1CV49

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Composition/Information on Ingredients
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Ingred Name:DISODIUM ETHYLENEDIAMINE TETRAACETATE

CAS:139-33-3

RTECS #:AH4375000

Fraction by Wt: 0.4%

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 0.05%

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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Hazards Identification
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Effects of Overexposure:CAUSE EYE BURNS

& SKIN IRRITATION. DO NOT TAKE

INTERNALLY.

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First Aid Measures
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First Aid:EYE/SKIN:FLUSH W/PLENTY OF WATER FOR 15 MIN. INGEST:DRINK LG
QUAN OF WATER AND LEMON JUICE. CALL A PHYSICIAN.

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Fire Fighting Measures
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Extinguishing Media:CO*2, FOAM, DRY CHEM & H*2O FOG.

Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP

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Accidental Release Measures
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Spill Release

Procedures:FLUSH AREA W/LG QUAN OF WATER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE IN COOL, DRY PLACE. AVOID FREEZING TEMP.

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

Respiratory Protection:NONE
Ventilation:LOCAL EXHAUST PREFERRED, MECHANICAL EXHAUST ACCEPTABLE.
Protective Gloves:PLASTIC
Eye Protection:CHEM SPLASH GOGGLES
Other Protective Equipment:IMPERVIOUS APRON
Supplemental
Safety and Health
MSDS UNDATED.

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

HCC:N1
Boiling Pt:B.P. Text:219F/104C
Vapor Pres:16
Spec Gravity:1.015
Evaporation Rate & Reference:NEARLY AS WATER
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS ODORLESS SOLN
Percent Volatiles by Volume:99

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

Stability Indicator/Materials to Avoid:YES
NONE
Stability Condition to Avoid:KEEP CONTAINER CLOSED
Haza
rdous Decomposition Products:NONE

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

Waste Disposal Methods:WASH W/WATER DOWN THE DRAIN.

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