

NATIONAL RESEARCH AND CHEMICAL CO -- UNIVERSAL FOUNTAIN SOLUTION -- 6850-01-014-9270

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

Product ID:UNIVERSAL FOUNTAIN SOLUTION

MSDS Date:03/01/1994

FSC:6850

NIIN:01-014-9270

Status Code:A

MSDS Number: CJMTP

=== Responsible Party ===

Company Name:NATIONAL RESEARCH AND CHEMICAL CO

Address:15600 NEW CENTURY DRIVE

City:GARDENA

State:CA

ZIP:90248-2140

Country:US

Info Ph

one Num:213-515-1700

Emergency Phone Num:310-515-1700

Preparer's Name:H. LANGHEIM

CAGE: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

Contract Num:SP0450-99-M-C500

CAGE:20385

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

Ingred Name:GLYCERIN

CAS:56-81-5

RTECS #:MA8050000

Minumum % Wt:5.

Maxumum % Wt:8.

OSHA PEL:15 MG/M3

ACGIH TLV:

10 MG/M3

Ingred Name: BUTYL CELLOSOLVE
CAS: 111-76-2
RTECS #: KJ8575000
Minimum % Wt: 2.
Maximum % Wt: 6.
OSHA PEL: 240 MG/M3; 50 PPM
ACGIH TLV: 121 MG/M3; 25 PPM

Ingred Name: PHOSPHORIC ACID
CAS: 7664-38-2
RTECS #: TB6300000
Minimum % Wt: 1.
Maximum % Wt: 2.
OSHA PEL: 1 MG/M3
ACGIH TLV: 1 MG/M3
ACGIH STEL: 3 MG/M3
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

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

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: N
TP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: INHALED-VAPORS MAY CAUSE IRRITATION TO NOSE AND THROAT AND RESPIRATORY TRACT. CONTACT WITH SKIN & EYES-MAY CAUSE IRRITATION TO SKIN AND EYES. ABSORBED THROUGH SKIN-REPEATED CONTACT MAY BE HARMFUL. SWALLOWED-HARMFUL IF SWALLOWED.
Explanation of Carcinogenicity: NO

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

First Aid: GET PROMPT MEDICAL ATTENTION. EYE CONTACT-FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN CONTACT-REMOVE CONTAMINATED CLOTHING AND WASH WITH PLENTY OF WATER AND SOAP. INHALED-MOVE TO FRESH AIR. SWALLOWED-CONTACT PHYSICIAN AT ONCE.

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

Flash Point: =57.2C, 135.F
Extinguishing Media: WATER SPRAY, FOAM.
Fire Fighting Procedures: TREAT AS ANY WATER MISCIBLE SOLVENT FIRE.
Unusual Fire/Explosion Hazard: NONE.

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

Spill Release Procedures

:USE APPROPRIATE PROTECTIVE CLOTHING. USE
ABSORBENT PADS, SAND OR INERT MATERIAL.

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Handling and Storage
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Handling and Storage Precautions:KEEP AWAY FROM COMBUSTIBLES.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE APPROPRIATE RESPIRATORY APPARATUS
PROTECTION.

Ventilation:WELL VENTILATED AREA IS RECOMMENDED.

Protective Gloves:LATEX OR NEOPRENE RESISTANT GOGGLES

Eye Protection:WEAR CHEMICAL SAFE
TY GOGGLES.

Other Protective Equipment:CHEMICAL RESISTANT APRON.

Work Hygienic Practices:WASH HANDS THOUROUGHLY WITH SOAP AND WATER.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:F4

Boiling Pt:=98.9C, 210.F

Spec Gravity:1.0257

pH:NA

Solubility in Water:COMPLETE

Appearance and Odor:BLUE LIQUID, SLIGHT ODOR

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG ACIDS WILL GE

NERATE HEAT AND SULFUR DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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Disposal Considerations
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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE &
FEDERAL REGULATIONS.

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Regulatory Information
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State Regulatory Information:CALIFORNIA EMPLOYERS USING CAL/OSHA
REGULATED

CARCINOGENS MUST REGISTER WITH CAL/OSHA, THE
CAL/OSHA AND FEDERAL OSHA CARCINOGEN LISTS ARE
SIMILIAR.

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