

W.R. GRACE & CO -- WRDA-19 CALCIUM NAPHTHALENESULFONATE(SUPDAT -- 6850-00N011794

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Product Identification
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Product ID:WRDA-19 CALCIUM NAPHTHALENESULFONATE(SUPDAT

MSDS Date:10/23/1986

FSC:6850

NIIN:00N011794

MSDS Number: BJHYB

=== Responsible Party ===

Company Name:W.R. GRACE & CO

Address:62 WHITTEMORE AVE

City:CAMBRIDGE

State:MA

ZIP:02140-1623

Country:US

Info Phone Num:617-876-1400

Emergency Phone Num:617-876-1400,X-3140 OR 3897

CAGE:DO746

=== Contractor Identification ===

Company Name:GRACE W R AND CO DEWEY AND ALMY CHEMICAL DIV

Address:62 WHITTEMORE AVE

Box:City:CAMBRIDGE

State:MA

ZIP:02140-1623

Country:US

Phone:617-876-1400

CAGE:17486

Company Name:W.R. GRACE & CO

Address:PO BOX 2117

City:BALTIMORE

State:MD

ZIP:21202-1630

Phone:301-874-2009:301-659-9058

CAGE:DO746

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Composition/Information on Ingredients
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Ingred Name:FORMALDEHYDE (SARA III)

CAS:50-00-0

RTECS #:LP8925000

Fraction by Wt: <0.1%

Other REC Limits:0.8 PPM C (NIOSH)
OSHA PEL:SEE 1910.1048
ACGIH TLV:C 0.3 PPM; A2; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:LD50:ORAL 3800 MG/KG RAT (SOLN)
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:INHAL:EXPOS BY INHAL NOT EXPECTED TO
OCCUR UNLESS SPECIFIC USE GENERATES LOCALIZED MISTS.IF INHALED AS
A
MIST,MAY CAUSE SLIGHT IRRIT TO THE UPPER RESP TRACT.SKIN&EYE:CONT
W/ALKALINE SOLUTION MAY CAUSE EYE BURNS&SKIN IRRIT.INGEST:
ALKALINE
SOLN MAY CAUSE BURNS TO THE GI TRACT IF SWALLOWED.SYSTEMIC
TOXICITY
IS LOW.
Explanation of Carcinogenicity:CLASS 2A, (IARC), CLASS 2 (NTP).
Effects of Overexposure:SEE ABOVE
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IF INHALED&IRRIT SYMPTOMS DEVELOP,MOVE TO FRESH AIR.IF
SYMPTOMS PERSIST,CALL MD.EYES:FLUSH W/PLENTY H*2O FOR AT LEAST 15
MIN.SEE MD.SKIN:FLUSH W/H*2O IMMED.CALL MD IF SKIN SHOWS SIGNS OF
IRRIT.WASH CL THING BEFORE RE-USE.IF SWALLOWED, GIVE LGE AMTS OF
H*2O/MILK TO DRING.DO NOT INDUCE VOMIT.CALL MD IMMED.NEVER GIVE
ANYTHING BY WAY OF MOUTH TO AN UNCON PERSON.

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

Flash Point:>200F,>93C
Extinguishing Media:PRODUCT IS AN AQUEOUS SOLUTION AND IS UNLIKELY TO
BURN UNTIL ALL WATER IS EVAPORATED.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:PVNT PROD FROM ENTERING DRINKING H*2O
SUPPLIES

OR STREAMS. OBSERVING PREC ABOVE, COLLECT LIQ OR SOLIDIFY LIQ W/AN
INERT, NONCOMBUSTIBLE MATL AND REMOVE FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. USE WITH
ADEQUATE VENTILATION. AVOID BREATHING MIST. DO NOT GET IN EYES, ON
SKIN OR ON CLOTHING.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN .

Ventilation:MECHANICAL

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:WEAR APPROPRIATE CLOTHING TO PREVENT SKIN
CONTACT.

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, SMOKING OR
USING

SANITARY FACILITIES .

Supplemental Safety and Health

PART NO: FORMALDEHYDE

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

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

Vapor Pres:20 (MM-HG)

Spec Gravity:-1.2

pH:7.5-11

Evaporation Rate & Reference:BUTYL ACETATE=1 (H*20)

Solubility in Water:COMPLETE

Appearance and Odor:DARK BROWN LIQUID W/SLIGHT MOTH-BALL NAPHTHALENE
ODOR.

Percent Volatiles by Volume:60

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

Stability Indicator/Materials to Avoid: YES

NONE KNOWN

Stability Condition to Avoid: NONE KNOWN

Hazardous Decomposition Products: IF PRODUCT IS DRIED AND BURNED,
OXIDES

OF CARBON AND SULFUR MAY EVOLVE.

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

Waste Disposal Methods: NOT A HAZARDOUS WASTE BY EPA DEFINITION.

SOLIDIFICATION MUST BE ACCOMPLISHED PRIOR TO DISPOSAL IN A
LANDFILL. DISPOSE OF ALL WASTE I/A/W LOCAL, STATE AND FEDERAL
GOVERNMENT REGULATIONS.

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