

BRULIN AND CO INC -- PRODUCT #:432001 BRULIN 63 G -- 6850-01-394-0166

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Product Identification
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Product ID:PRODUCT #:432001 BRULIN 63 G

MSDS Date:02/05/1997

FSC:6850

NIIN:01-394-0166

MSDS Number: CDYKD

=== Responsible Party ===

Company Name:BRULIN AND CO INC

Address:2920 DR ANDREW J BROWN AVE

Box:270

City:INDIANAPOLIS

State:IN

ZIP:46205-0270

Country:US

Info Phone Num:317-923-3211 OR 800-

776-7149

Emergency Phone Num:800-776-7149/317-923-3211

Chemtrec Ind/Phone:(800)424-9300

CAGE:94058

=== Contractor Identification ===

Company Name:BRULIN AND CO INC

Address:2920 DR ANDREW J BROWN AVE

Box:270

City:INDIANAPOLIS

State:IN

ZIP:46205-0270

Country:US

Phone:317-923-3211

Contract Num:SPO450-99-M-C541

CAGE:94058

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000

Minumum % Wt:1.

Maxumum % Wt:5.

Othe

r REC Limits:NONE RECOMMENDED
OSHA PEL:C 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM METASILICATE
CAS:6834-92-0
RTECS #:VV9275000
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM NITRITE (CERCLA)
CAS:7632-00-0
RTECS #:RA1225000
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:NON-HAZARDOUS MATERIALS
Minumum % Wt:25.
Maxumum % Wt:27.

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===== 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:DIRECT CONTACT WILL CAUSE BURNS TO
SKIN/EYES.INGESTION:WILL CAUSE GASTROINTESTINAL IRRITATION AND
IRRITATION OF MOUTH AND THROAT. INHALATION: EXCESSIVE EXPOSURE TO
SPRAY MISTS CAUSES RESPIRATORY IRRI TATION.
Explanation of Carcino
genicity:PER MSDS.
Effects of Overexposure:IRRITATION OF GASTROINTESTINAL TRACT, MOUTH,
THROAT, RESPIRATORY SYSTEM.
Medical Cond Aggravated by Exposure:EXISTING DERMATITIS.

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

First Aid:EYES: FLUSH WITH LARGE QUANTITY OF WATER FOR 15MINS LIFTING
UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.
INHALATION: MOVE TO FRESH AIR. SKIN: WASH WITH MILD SOAP AND WATER.
REMOVE CONTAM INATED CLOTH. INGESTION: IF C

UNCONSCIOUS, DILUTE BY
GIVING WATER. GIVE MILK OF MAGNESIA, IF AVAILABLE. KEEP WARM AND
QUIET. CALL PHYSICIAN AND LOCAL POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NA
Upper Limits:NA
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:ABSORB ON SOLID
ABSORBENT AND SHOVEL INTO
CONTAINER FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE BETWEEN 40 AND 120F.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE
Ventilation:MECHANICAL (GENERAL) VENTILATION IS SUFFICIENT.
Protective Gloves:BUTYL RUBBER GLOVES WHEN HANDLING CONCE
NTRATE.
Eye Protection:REQUIRED.
Other Protective Equipment:NONE.
Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
AVOID BREATHING SPRAY MIST. WASH HANDS AFTER HANDLING.
Supplemental Safety and Health
SEE P/N IND C FOR MSDS FOR 1:20 USE DILUTION.

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

HCC:B3
Boiling Pt:=100.C, 212.F
Melt/Freeze Pt:=-1.1C, 30.F
Decomp Temp:Decomp Text:NP
Vapor Pres:17 @68F
Vapor Density:0.6
Spec Gravity:1.09
pH:13.5
Viscosit

y:NP
Evaporation Rate & Reference:1.0, WATER=1
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR LIQUID, MILD ODOR.
Percent Volatiles by Volume:NP
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, OXIDIZERS.
Stability Condition to Avoid:NOT APPLICABLE.
Hazardous Decomposition Products:CARBON MONOXIDE UPON THERMAL
DECOMPOSITION.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:CONTAINS TOXIC CHEMICAL SUBJECT TO REPORTING
REQUIREMENTS OF SECTION 313 EPCRA AND 40CFR 372. DISPOSE OF WASTE
ACCORDING TO LOCAL, STATE, AND FEDERAL LAWS AND 40CFR.

===== Regulatory Information =====

SARA Title III Information:SODIUM NITRITE ISSUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY
RIGHT-T0- KNOW ACT OF 1986 A
ND 40CFR 372.

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