

BRULIN AND CO INC -- UNICIDE 128 -- 6850-01-394-2617

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

Product ID:UNICIDE 128
MSDS Date:04/18/1995
FSC:6850
NIIN:01-394-2617
MSDS Number: BXKBR
=== 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 800-428-7149
Emergency Phone Num:317-923-3211
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
CAGE:94058

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

Ingred Name:ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDES
CAS:68424-85-1
RTECS #:UZ2995000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIDECYLDIMETHYLOCTYL AMMONIUM CHLORIDE
CAS:32426-11-2
RTECS #:HD65

20000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIDECYLDIMETHYL AMMONIUM CHLORIDE

CAS:7173-51-5

RTECS #:BP6560000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIOCTYL DIMETHYL AMMONIUM CHLORIDE

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and

Chronic:DIRECT EYE CONTACT CAN CAUSE SEVERE

IRRITATION. REPEATED SKIN CONTACT CAN CAUSE SEVERE IRRITATION.
INHALATION OF MISTS CAN CAUSE IRRITATION TO MUCOUS MEMBRANES.
INGESTION MAY CAUSE SEVERE IRRITATION TO MOUTH, THROAT,
GASTROINTESTINAL TRACT, AS WELL AS CIRCULATORY SHOCK AND
RESPIRATORY DEPRESSION.

Explanation of Carcinogenicity:NOT LISTED AS CARCINOGENIC.

Effects of Overexposure:EYES-REDNESS, TEARING. SKIN-IRRITATION SEEN AS
REDNESS. INGESTION-BURNING PAIN IN MOUTH,

THROAT, ABDOMEN,

CIRCULATORY SHOCK, CONVULSION.

Medical Condition Aggravated by Exposure:DERMATITIS.

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

First Aid:EYE-FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MIN. GET MEDICAL
ATTENTION. INHALATION-UNLIKELY TO OCCUR. IN THE EVENT OF INHALATION
MOVE VICTIM TO FRESH AIR. IF IRRITATION PERSISTS OR IF SYMPTOMS OF
OVEREXPOSURE DEVELOP GET MEDICAL ATTENTION. SKIN-WASH WITH MILD
SOAP & WATER. INGESTION-DO NOT INDUCE

VOMITING. GIVE PROMPTLY LARGE

AMOUNTS OF EGG WHITES OR GELATIN SOLUTION OR WATER. AVOID ALCOHOL.

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

Flash Point Method:TCC

Flash Point:NONE TO BOILING

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:NA

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:MOP UP OR ABSORB

ON SOLID ABSORBENT AND SHOVEL
INTO CONTAINERS FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY
CONTRAINDICATE THE USE OF GASTRIC LAVAGE.

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

Ventilation:MECHANICAL (GENERAL) IS SUFFICIENT.
Protective Gloves:RUBBER OR NEOPRENE.
Eye Protection:GOGGLES.
Other Protective Equipment:NONE
Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER USING PRODUCT.
Supplemental Safety and Health
KEEP AWAY FROM FOOD AND WATER SUPPLIES. OPEN DUMPING IS PROHIBITED. DO
NOT REUSE EMPTY CONTAINER.

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

HCC:N1
Boiling Pt:B.P. Text:212F,100C
Vapor Pres:AS WATER
Vapor Density:AS WATER
Spec Gravity:1.010
Evaporation Rate & Reference:1.0 (WATER=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR BLUE LIQUID WITH PLEASANT SASSAFRAS ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING OR REDUCING AGENTS.
Stability Condition to Avoid:DO NOT MIX WITH OTHER CLEANING CHEMICALS.
Hazardous Decomposition Products:AMMONIA, NITROGEN OXIDES.

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

Waste Disposal Methods:DISPOSE IN COMPLIANCE WITH FEDERAL

L, STATE AND
LOCAL LAWS AND 40 CFR.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this
information to their
particular situation.