

ALCIDE CORP -- ALCIDE LD DISINFECTANT -- 6840-01-294-5538

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

Product ID:ALCIDE LD DISINFECTANT

MSDS Date:08/01/1994

FSC:6840

NIIN:01-294-5538

Kit Part:Y

MSDS Number: CCKFT

=== Responsible Party ===

Company Name:ALCIDE CORP

Address:1 WILLARD ROAD

City:NORWALK

State:CT

ZIP:06851-4414

Country:US

Info Phone Num:203-847-2555

Emergency Phone Num:203-847-2555

CAGE:3J700

=== Contractor Identification ===

Company Name:ALCIDE CORP

Address:1 WILLARD ROAD

Box:City:NORWALK

State:CT

ZIP:06851-4414

Country:US

Phone:203-847-2555

CAGE:3J700

Company Name:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1578

Country:US

Phone:414-255-5520

CAGE:050Q3

===== Composition/Information on

Ingredients =====

Ingred Name:CHLORINE DIOXIDE (SARA 313)

CAS:10049-04-4

RTECS #:FO3000000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.1 PPM

ACGIH TLV:0.1 PPM/0.3STEL;9596

Ingred Name:NON-HAZARDOUS INGREDIENTS

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards

Acute and Chronic:INHALATION MAY CAUSE SEVERE

RESPIRATORY DISTRESS, PULMONARY EDEMA, CHRONIC BRONCHITIS. CONTACT WITH EYES MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:RESPIRATORY DISTRESS, PULMONARY EDEMA, BRONCHITIS, EYE IRRITATION, THROAT IRRITATION, COUGHING WHEEZING, DIFFICULT BREATHING.

Medical Cond Aggravated by Ex

posure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE MILK OR WATER. GET MEDICAL ATTENTION.

=====

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONFLAMMABLE. USE WATER TO COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:FLUSH SPILLS WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID EYE CONTACT.

Other Precautions:LD BASE CONCENTRATE MUST BE DILUTED WITH WATER PRIOR TO ADDING LD ACTIVATOR CONCENTRATE. (SEE LABEL).

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

Respiratory Protection:LARGE SURFACE APPLICATION IN CONFINED AREAS REQUIRES THE USE OF A NIOSH APPROVED CHLORINE DIOXIDE GAS MASK
P

URSUAANT TO OSHA 29 CFR 1910.134.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:PLASTIC RECOMMENDED

Eye Protection:SAFETY GOGGLES OR FACE SHIELD

Other Protective Equipment:AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health
WORKING SOLUTION.

=====

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

HCC:C3

Boiling Pt:B.P. Text:213F,100C

Melt/Freeze Pt:M.P/F.P Text:31.3F,-0.4C

Vapor Pres:17

Vapor Density:NOT GIVEN

Spec Gravity:1.006

pH:2.8

Evaporation Rate & Reference:1 (WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS TO YELLOW LIQUID, SLIGHT CHLORINE-LIKE
ODOR

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

Stability Indicator/Materials to Avoid:YES

ACIDS, BLEACH, PEROXIDES. MAY CORR

ODE AND/OR DISSOLVE EASILY OXIDIZABLE

AND/OR ACID-SOLUBLE METALS, E.G., COPPER, AL.

Stability Condition to Avoid:TEMPERATURES EXCEEDING 100F.

Hazardous Decomposition Products:CLO2 GAS

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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.