

AMERICAN CYANAMID,CO.,CHEMICAL LIGHT DEPT -- CYALUME LIGHT STICK -- 6260-01-247-0366

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

Product ID:CYALUME LIGHT STICK

MSDS Date:06/15/1988

FSC:6260

NIIN:01-247-0366

MSDS Number: BGRHL

=== Responsible Party ===

Company Name:AMERICAN CYANAMID,CO.,CHEMICAL LIGHT DEPT

Address:ONE CYANAMID PLAZA

City:WAYNE

State:NJ

ZIP:07470-4028

Info Phone Num:201-835-3100

Emergency P

hone Num:201-835-3100

Preparer's Name:MARVIN A. FRIEDMAN

CAGE:83289

=== Contractor Identification ===

Company Name:AMERICAN CYANAMID CO CYTEC INDUSTRIES DIV CHEMICAL LIGHT  
DEP

Address:5 GARRET MOUNTAIN PLZ

Box:City:LITTLE FALLS

State:NJ

ZIP:07424

Country:US

Phone:201-831-2000/201-357-3100

CAGE:83289

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

Ingred Name:DIBUTYL PHTHALATE (SARA III)

CAS:84-74-2

RTECS #:TI0875000

Fraction by Wt: 45-92%

OSHA PEL:5 MG/M3

ACGIH TLV:5

MG/M3; 9192  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:TERT-BUTYL ALCOHOL (SARA III)  
CAS:75-65-0  
RTECS #:EO1925000  
Fraction by Wt: 1-6.5%  
OSHA PEL:100 PPM  
ACGIH TLV:100PPM 9394

Ingred Name:HYDROGEN PEROXIDE  
CAS:7722-84-1  
RTECS #:MX0899000  
Fraction by Wt: 0.3-2.2%  
OSHA PEL:1 PPM  
ACGIH TLV:1 PPM

Ingred Name:DIMETHYLPHTHALATE (SARA III)  
CAS:131-11-3  
RTECS #:TI1575000  
Fraction by Wt: 0-40%  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL RAT LD50 GREATER THAN 5.0 GM/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT IS AN ARTICLE CONSISTING OF A  
PLASTIC TUBE OR SHAPE,CONTAINING AN ACTIVATOR AND A GLASS AMPOULE  
OF LUMINESCER. PRIME HEALTH HAZARD IS FROM BROKEN GLASS IN THE  
UNLIKELY EVENT THE EXTERIOR PLAST IC CONTAINER IS RUPTURED.

Effects  
of Overexposure:OVER EXPOSURE IS NOT LIKELY TO CAUSE  
SIGNIFICANT ACUTE EFFECTS. PRODUCT MUST BE DAMAGED IN ORDER FOR ANY  
SIGNIFICANT PERSONAL CONTACT TO OCCUR. EYE:GLASS CHIPS MAY CAUSE  
PHYSICAL INJURY. SKIN:NO IRRIT ATION OBSERVED WITH ANIMAL TESTS,SO  
NO HUMAN IRRITATION EXPECTED.  
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:EYE:FLUSH WITH WATER AS PRODUCT MAY CONTAIN GLASS CHIPS. IF  
IRRITATI

ON PERSISTS,GET MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER.

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

Flash Point:>200F/93C

Extinguishing Media:WATER SPRAY,CARBON DIOXIDE,DRY CHEMICAL.

Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS. WEAR SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:ABSORB WITH INERT MATERIAL. F  
LUSH AREA WITH  
WATER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:NO SPECIAL HANDLING OR STORAGE SPECIFIED BY MFR.

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

Respiratory Protection:NONE NECESSARY UNLESS PRODUCT IS BROKEN. USE NIOSH CARTRIDGE OR SUPPLIED AIR RESPIRATOR IF TLV'S ARE EXCEEDED.

Ventilation:NONE NECESSARY.

Protective Gloves:NONE NECESSARY.

Eye Protection:SAFETY GL

ASSES.

Work Hygienic Practices:USE NORMAL GOOD PERSONAL HYGIENE PRACTICE.

Supplemental Safety and Health

MFR ALSO SELLS PRODUCT UNDER THE FOLLOWING TRADE NAMES:LIGHT-UP,LUNKER LIGHTS,LITE-ROPE,GLOW STICK,LIGHT SHAPE,PML,MAGIC IN THE NIGHT.

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

HCC:N1

Spec Gravity:1.05

Solubility in Water:IMMISCIBLE

Appearance and Odor:15 IN PLASTIC WAND. EMITS INVISIBLE INFRA-RED LIGHT WHEN ACTIVATED.

=====  
Stability and Rea  
=====

ctivity Data =====

Stability Indicator/Materials to Avoid: YES

NONE REPORTED.

Stability Condition to Avoid: NONE REPORTED.

Hazardous Decomposition Products: NORMAL PRODUCTS OF COMBUSTION.

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

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE, LOCAL REGULATIONS.

HMIS: PRODUCT SHOULD QUALIFY AS ORDINARY WASTE.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for u

se 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.