

AMERICAN CYANAMID,CO.,CHEMICAL LIGHT DEPT -- CYALUME LIGHT STICK -- 6260-01-230-8598

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

Product ID:CYALUME LIGHT STICK

MSDS Date:06/15/1988

FSC:6260

NIIN:01-230-8598

MSDS Number: BGQZT

=== 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 Phone Num:201-835-3100

Preparer's Name:MARVIN A. FRIEDMAN

CAGE:832

89

=== 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:TE

RT-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 PLASTIC 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 IRRITATION 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 IRRITATION PERSISTS,GET MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER

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===== 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. FLUSH AREA WITH  
WATER.

Neutralizing Agent:NONE

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===== 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 GLASSES.

Work Hygienic Practices:USE NORMAL GOOD PERSONAL HYGIENE P  
RACTICE.

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:7.5 IN FLEXIBLE PLASTIC BANDS. EMIT BLUE LIGHT WHEN  
ACTIVATED.

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

Stability Indicator/Materials to Avoi

d: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.

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