

AMERICAN CYANAMID,CO.,CHEMICAL LIGHT DEPT -- CYALUME LIGHT STICK -- 6260-01-230-8599

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Product Identification  
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Product ID:CYALUME LIGHT STICK

MSDS Date:06/15/1988

FSC:6260

NIIN:01-230-8599

MSDS Number: BGQZV

=== 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

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Composition/Information on Ingredients  
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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

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===== 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.

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Fire Fighting Measures  
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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

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

Neutralizing Agent:NONE

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

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Exposure Controls/Personal Protection  
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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.

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Physical/Chemical Properties  
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HCC:N1

Spec Gravity:1.05

Solubility in Water:IMMISCIBLE

Appearance and Odor:7.5 IN FLEXIBLE PLASTIC BAND. EMITS GREEN LIGHT WHEN ACTIVATED.

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Stability and Reactiv

ity 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.

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