

## **CHEMICAL LIGHTSTICK**

### **MSDS Number**

BKBNJ

### **National Stock Number**

6260-01-178-5559

### **Product Name**

CHEMICAL LIGHTSTICK

### **Manufacturer**

CHEMICAL DEVICE

### **Product Identification**

Product ID:CHEMICAL LIGHTSTICK

MSDS Date:10/05/1990

FSC:6260

NIIN:01-178-5559

MSDS Number: BKBNJ

### **Responsible Party**

CHEMICAL DEVICE

20 C PIMENTEL CT

NOVATO , CA 94949

US

Emergency Phone: 415-883-6093

Info Phone: 415-883-6093

Preparer: SEECO (415-284-4251)

Cage: 0BY83

### **Contractor**

OMNIGLOW CORP

WEST SPRINGFIELD, MA 01089

US

413-739-8252

Cage: 0BY83

### **Ingredients**

DIBUTYL PHTHALATE (SARA III)

CAS: 84-74-2

RTECS: TI0875000

Fraction By Weight: 60%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; 9192

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

TERT-BUTYL ALCOHOL (SARA III)

CAS: 75-65-0

RTECS: EO1925000

Fraction By Weight: 10-20%

OSHA PEL100 PPM

ACGIH TLV: 100PPM 9394

DIMETHYLPHTHALATE (SARA III)

CAS: 131-11-3

RTECS: TI1575000

Fraction By Weight: 25%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

HYDROGEN PEROXIDE (SARA III)

CAS: 7722-84-1

RTECS: MX0900000

Fraction By Weight: 2-4%

OSHA PEL1 PPM

ACGIH TLV: 1 PPM; 9192

## Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS > 3 G/KG

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

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

Health Hazards Acute and Chronic:EYES/SKIN: PROLONGED CONTACT CAN CAUSE SLIGHT IRRITATION. AVOID BREATHING OF VAPOR. BREAKAGE OF CASE FOR LIGHTSTICK COULD CAUSE GLASS CHIPS TO BECOME IMBEDDED IN THE EYE.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION OF EYES/SKIN/RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

## First Aid

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. THERE MAY BE GLASS CHIPS EMBEDDED IN THE EYE. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: INDUCE VOMITING BY GIVING TWO GLASSES OF WATER AND GET PROMPT MEDICAL ATTENTION.

## Fire Fighting

Flash Point Method:TCC

Flash Point:295F,146C

Extinguishing Media:USE CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

## Accidental Release

Spill Release Procedures:COVER SPILLS WITH SOME INERT ABSORBENT; SWEEP UP AND PLACE IN A WASTE DISPOSAL CONTAINER. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE

## Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:USE OF FULL LENGTH SLEEVES AND PANTS; BOOTS OR WORK SHOES ARE RECOMMENDED FOR MANUFACTURING OPERATIONS.

## Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:RUBBER GLOVES IF LIQUID CONTACT POSSIBLE

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MATERIAL IS AN ARTICLE. PHYSICAL PROPERTIES ARE GIVEN FOR ACTIVATOR COMPONENT. OTHER FLUORESCENT COMPONENT AS BOILING POINT OF 612F AND SPECIFIC GRAVITY OF 1.05 AND IS FLUORESCENT COLOR WITH A MILD ODOR. FLASH POINT GIVEN AS 200F.

## Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:541F,283C

Melt/Freeze Pt:M.P/F.P Text:-30F,-34C

Spec Gravity:1.18

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR OILY LIQUID; MILD ODOR - ENCLOSED IN AN SEALED CASE - CONSIDER AN ARTICLE

## Stability

Stability Indicator/Materials to Avoid:YES

LIQUID COMPONENTS ARE INCOMPATIBLE WITH OXIDIZERS AND WILL REACT VIOLENTLY WITH CHLORINE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, AND OTHER POSSIBLE BYPRODUCTS.

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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