

CHEMICAL DEVICE -- CHEMICAL LIGHTSTICK -- 6260-01-178-5559

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Product Identification
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Product ID:CHEMICAL LIGHTSTICK
MSDS Date:10/05/1990
FSC:6260
NIIN:01-178-5559
MSDS Number: BKBNJ
=== Responsible Party ===
Company Name:CHEMICAL DEVICE
Address:20 C PIMENTEL CT
City:NOVATO
State:CA
ZIP:94949
Country:US
Info Phone Num:415-883-6093
Emergency Phone Num:415-883-6093
Preparer's Name:SEECO (41
5-284-4251)
CAGE:0BY83
=== Contractor Identification ===
Company Name:OMNIGLOW CORP
Address:96 WINDSOR ST
Box:City:WEST SPRINGFIELD
State:MA
ZIP:01089
Country:US
Phone:413-739-8252
CAGE:0BY83

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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: 60%
Other REC Limits:NONE SPECIFIED
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 (S

ARA III)
CAS:75-65-0
RTECS #:EO1925000
Fraction by Wt: 10-20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100PPM 9394

Ingred Name:DIMETHYLPHTHALATE (SARA III)
CAS:131-11-3
RTECS #:TI1575000
Fraction by Wt: 25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:HYDROGEN PEROXIDE (SARA III)
CAS:7722-84-1
RTECS #:MX0900000
Fraction by Wt: 2-4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 PPM
ACGIH TLV:1 PP
M; 9192

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

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.

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

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: WAS

H 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 Measures =====

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 Measures =====

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 and Storage =====

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/Personal Protection =====

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.

===== Physical/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 and Reactivity Data =====

Stability Indicat

or/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 Considerations =====

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

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