

ELY CHEMICAL COMPANY -- 2611, LIQUID SPRAY DEVELOPER LD3 AEROSOL (SEE SUPPL) --
6850-00-160-8480

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

Product ID:2611, LIQUID SPRAY DEVELOPER LD3 AEROSOL (SEE SUPPL)

MSDS Date:04/19/2000

FSC:6850

NIIN:00-160-8480

Status Code:A

MSDS Number: CLFFF

=== Responsible Party ===

Company Name:ELY CHEMICAL COMPANY

Address:LISLE LANE

City:ELY, CAMBRIDGESHIRE,CB7 4AS

Country:UK

Info Phone Num:+44(0)1353 665881

Emergency Phone Num:+44(0)1353 665881

Preparer's Name:NOT PROVIDED

CAGE:K2063

=== Contractor Identification ===

Company Name:DUNN R G ASSOCIATES INC

Address:15104 LEE RD SUITE 203-B

Box:City:HUMBLE

State:TX

ZIP:77396-2078

Country:US

Phone:281-441-2001/FAX: 281-441-7772

Contract Num:SP0450-01-M-ZC84

CAGE:0A272

Company Name:ELY CHEMICAL COMPANY

Address:LISLE LANE

Box:City:ELY, CAMBRIDGESHIRE,CB7 4AS

Country:UK

Phone:+44(0)1353 665881

CAGE:K2063

===== Comp
osition/Information on Ingredients =====

Ingred Name:PROPAN 2-OL (IPA)

CAS:67-63-0

RTECS #:NT8050000

< Wt:50.

Other REC Limits:NOT PROVIDED

OSHA PEL:980 MG/M3;400 PPM

ACGIH TLV:983 MG/M3;400 PPM

ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name:LPG (FOR AEROSOLS)

CAS:68476-86-8

> Wt:50.

Other REC Limits:1000 PPM (MFR)

OSHA PEL:NOT PROVIDED

ACGIH TLV:NOT PROVIDED

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

Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: WILL CAUSE IRRITATION AND MAY CAUSE TISSUE DAMAGE IF NOT REMOVED PROMPTLY. SKIN: MAY CAUSE DE-FATTING IF CONTACT IS PROLONGED OR FREQUENT. VAPOUR CONCENTRATIONS ABOVE RECOMMENDED EXPOSURE LEVELS ARE IRRITATING TO THE EYES AND THE RESPIRATORY TRACT. MAY CAUSE HEADACHES, DIZZINESS, DROWSINESS AND NAUSEA AND EVENTUAL UNCONSCIOUSNESS. INGESTION: MAY CAUSE NAUSEA. SMALL AMOUNTS OF LIQUID ASPIRATE

D INTO THE RESPIRATORY SYSTEM DURING INGESTION OR FROM VOMITING MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYE: WILL CAUSE IRRITATION. SKIN: MAY CAUSE DE-FATTING IF CONTACT IS PROLONGED OR FREQUENT. VAPOUR CONCENTRATIONS ABOVE RECOMMENDED EXPOSURE LEVELS ARE IRRITATING TO THE EYES AND THE RESPIRATORY TRACT . MAY CAUSE HEADACHES, DIZZINESS, DROWSINESS AND NAUSEA AND EVENTUAL UNCONSCIOUSNESS. INGESTION: MA

Y CAUSE NAUSEA.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:EYE: IRRIGATE IMMEDIATELY WITH COPIOUS QUANTITIES OF CLEAN WATER FOR 15 MINUTES WHILE HOLDING EYES OPEN. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN: WASH THE AFFECTED AREA THOROUGHLY WITH MILD SOAP AND WATER. FLUSH SKIN WITH LUKEWARM WATER. INHALATION: IMMEDIATELY REMOVE FROM EXPOSURE. IF PERSON IS OVERCOME BY FUMES OBTAIN, EMERGENCY MEDICAL ATTENTION. GIVE ARTIFICIAL RESPIRATION IF REQUIRED. REST AFFECTED PERSON KEEP WARM. INGESTION: GIVE WATER TO DRINK IF CONSCIOUS. IF UNCONSCIOUS OBTAIN EMERGENCY MEDICAL ATTENTION. DO NOT INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IF SIGNIFICANT QUANTITY WAS INGESTED.

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

Flash Point:=-11.C, 51.8F (PROPAN-2-OL)

Extinguishing Media:SUITABLE EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY POWDER, S

AND OR FOAM, USE WATER SPRAY FOG TO KEEP THE AEROSOLS COOL. UNSUITABLE EXTINGUISHING MEDIA: WATER JET.

Fire Fighting Procedures: BREATHING APPARATUS MUST BE WORN IF FIRE IS IN A CONFINED SPACE.

Unusual Fire/Explosion Hazard: PRESSURIZED CONTAINERS MAY BURST AT ELEVATED TEMPERATURES RELEASING HIGHLY FLAMMABLE MATERIAL.

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

Spill Release Procedures: EXTINGUISH OR TURN OFF ALL SOURCES OF IGNITION, OBTAIN PROTECTIVE RESPIRATOR, GLOVES, GOGGLES OR FACE MASK. ENSURE ADEQUATE VENTILATION OR WEAR A RESPIRATOR. STOP RELEASE. CONTAIN SPILL WITH SUITABLE BOOM OR ABSORBENT GRANULES. PREVENT ESCAPE TO DRAINS OR SEWERS. REPORT ANY MAJOR ESCAPE INTO DRAINS TO FIRE AND WATER AUTHORITIES. SWEEP UP WITH ABSORBENT COMPOUND AND HOLD FOR PROPER DISPOSAL.

Neutralizing Agent: NOT RELEVANT

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

Handling and Storage Precautions: STORE IN A WELL VENTILATED COVERED

STORAGE AREA, OUT OF DIRECT SUNLIGHT AND DO NOT EXPOSE TO TEMPERATURES ABOVE 50 DEG C. MINIMIZE SKIN CONTACT BY USE OF PVC OR SIMILAR IMPERVIOUS GLOVES. WEAR CHEMICAL GOGGLES OR OTHER EYE PROTECTION. DO NOT SMOKE WHILE HANDLING THIS PRODUCT.

Other Precautions: DO NOT USE NEAR SOURCES OF IGNITION. AVOID BREATHING VAPORS. IF THIS PRODUCT MUST BE USED IN AREAS WHERE GOOD VENTILATION IS NOT AVAILABLE, WEAR SUITABLE RESPIRATORY EQUIPMENT. WASH HANDS THOROUGHLY AFTER HANDLING THIS PRODUCT.

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

Respiratory Protection: ENSURE GOOD VENTILATION. ABSORBENT MASKS OR RESPIRATORS WILL BE REQUIRED IF VAPOUR BUILDUP OCCURS.

Ventilation: NOT PROVIDED

Protective Gloves: WEAR PVC OR SIMILAR IMPERVIOUS GLOVES

Eye Protection: WEAR CHEMICAL GOGGLES OR SIMILAR EYE PROTECTION

Other Protective Equipment: LONG SLEEVED OVERALLS ARE RECOMMENDED, ALSO IMPERVIOUS APRONS AND GAUNTLETS IF THERE IS A RISK

OF FREQUENT
CONTACT.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

CONTD FROM PRODUCT ID: PART NUMBER FOR R. G. DUNN & ASSOC.: SAE/AMS
2644A,TYPE E.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT PROVIDED

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:NOT PROVIDED

Spec Gravity:0.9

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NOT
PROVIDED

Solubility in Water:NOT PROVIDED

Appearance and Odor:WHITE VOLATILE, MOBILE LIQUID SUSPENSION

Percent Volatiles by Volume:NOT PROVIDED

Corrosion Rate:NOT PROVIDED

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

MAY DISSOLVE, STAIN, OR SOFTEN PAINTS, ORGANIC COATINGS OR RUBBERS

Stability Condition to Avoid:SOLIDS SETTLE ON STANDING. SHAKE BEFORE

USE. DO NOT EXPOSE TO STRONG OXIDIZING AGENTS, NAKED FLAMES OR
OTHER SOURCES OF IGNITION.

Hazardous Decomposition

Products:OXIDES OF CARBON

===== Toxicological Information =====

Toxicological Information:LD50 (ORAL, RAT) > 2,000 MG/KG

===== Ecological Information =====

Ecological:ENVIRONMENTAL MOBILITY: SOLID IS NOT HAZARD. THE LIQUID IS
VOLATILE AND WILL EVAPORATE TO AIR. ENVIRONMENTAL DEGRADABILITY:
LIQUID IS READILY BIODEGRADABLE. ECOTOXICITY: LOW ACUTE TOXICITY TO
AQAUTIC ORGANISMS IS EXPECTED.

===== Dispos

al Considerations =====

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL AND NATIONAL LEGISLATION. THIS WILL NORMALLY BE THROUGH AN AUTHORIZED CONTRACTOR TO A LICENSED SITE. TREAT ABSORBENT GRANULES AS HIGHLY FLAMMABLE WASTE. PRESS URIZED CONTAINERS MUST BE PUNCTURED IN SUITABLE RETAINING EQUIPMENT. LIQUID MAY THEN BE DISPOSED OF BY INCINERATION IN A LICENSED FACILITY.

===== MSDS Transport Information =====

Tra
nsport Information:PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE. UN 1950, CLASSIFICATION: FLAMMABLE GAS.

===== Regulatory Information =====

SARA Title III Information:NOT PROVIDED
Federal Regulatory Information:NOT PROVIDED
State Regulatory Information:NOT PROVIDED

===== Other Information =====

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