

SPECTRONICS CORPORATION -- GS-3/E FLUORESCENT ADDITIVE

=====
MSDS Safety Information
=====

FSC: 6850
NIIN: 01-444-9120
MSDS Date: 10/21/1994
MSDS Num: CFLHL
Product ID: GS-3/E FLUORESCENT ADDITIVE
MFN: 01
Responsible Party
Cage: 20772
Name: SPECTRONICS CORPORATION
Address: 956 BRUSH HOLLOW ROAD
Box: 48
City:
WESTBURY NY 00000
Info Phone Number: 800-274-8888/FAX 516-333-4859
Emergency Phone Number: 800-424-9300(CHEMTREC)
Proprietary Ind: Y
Review Ind: Y
Published: Y

=====
Preparer Co. when other than Responsible Party Co.
=====

Cage: 20772
Name: SPECTRONICS CORP
Address: 956 BRUSH HOLLOW RD
Box: 483
City: WESTBURY NY 11590

=====
Contractor Summary
===

=====
Cage: 20772
Name: SPECTRONICS CORP
Address: 956 BRUSH HOLLOW RD
Box: 483
City: WESTBURY NY 11590
Phone: 900-274-8888

=====
Item Description Information
=====

Item Manager: S9G
Item Name: LEAK TEST COMPOUND
Specification Number: UNKNOWN
Unit of Issue: BX
Quantitative Expression: 00000000006EA
UI Container Qty: 0
Type of Container: CAPSULE FORM
=

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====
Health Hazards Data
=====

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: NO

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE:

CAN CAUSE MILD-MODERATE IRRIT. SEVERELY OF RX DEPENDS ON DURATION OF EXPO & 1ST AID PROCEDURES ADMIN. SKIN: IRRIT CAN OCCUR FOLLOWING PROL/REP CONTACT. INHAL: CAN CAUSE IRRIT OF NOSE/THROAT/UPPER RESP TR ACT. INGEST: CAN CAUSE GI IRRIT. ADDN EFFECTS: DEPENDING ON ROUTE/FREQ/DURATION OF EXPO TOXICITY MAY EFFECT EYES.

Explanation Of Carcinogenicity: PER MSDS: CARCINOGENICITY LISTED BY ACGIH/IARC/NTP/

OSHA: NO.

Signs And Symptoms Of Overexposure: FLUORESCENT ADDITIVE: EYE CONTACT & PROL/REP

SKIN CONTACT MAY CAUSE IRRIT. INGEST MAY CAUSE GASTROINTESTINAL IRRIT. LUBRICANT OIL: CONSIDERED AN OSHA HAZ SUBSTANCE BASED ON AIRBORNE EXPO LIMIT FOR OIL MIST.

Medical Cond Aggravated By Exposure: EXPOSURE TO THIS PRODUCT IS NOT EXPECTED TO CONTRIBUTE TO, WORSEN OR AGGRAVATE ANY EXISTING MEDICAL CONDITIONS.

First Aid: EYE: FLUSH THOROUGHLY W/WATER. IRRIT DVLPS CONSULT PHYSICIAN. SKIN: WASH AREA W/SOAP/WATER. IRRIT DVLPS CONSULT PHYSICIAN. INHAL: REMOVE TO FRESH AIR. SYMPT DVLPS SEEK MED ATTN. NOT

BREATH GIVE ART RESP PREF MO

OUTH-TO-MOUTH. INGEST: DONT INDUCE VOMIT. ACCIDENTAL INGEST OF SINGLE MOUTHFUL NOT EXPECTED TO CAUSE SIGNIFICANT HARM. NOTE: IN ALL SEVERE CASES CONTACT DR IMMED. LOC PHONE OPERATOR CAN FURNISH #FOR (SUPPL)

=====
Handling and Disposal
=====

Spill Release Procedures: STOP DISCHARGE. CONTAIN MATL. USE ABSORBENT (FULLERS EARTH, CLAY, OTHER APPROP SYN ABSORBENT). PLACE CONTAM

MATL IN SUITABLE CNTNR

FOR DISPO.ELIMINATE ALL IGN SOURCES.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: METHODS OF DISPO CURRENTLY AVAILABLE VARY BY LOCATION.ITS RECOMMENDED THAT ALTERNATIVE BE SELECTED ACCORDING TO FOLLOWING ODOR OF PREF BASED UPON ENVIRO ACCEPTABILITY:1)RECYCLE/REWORK IF ALL FEASIBLE2)INCINERATE @AUTHORIZED FACIL3)TREAT (SUPPLEMENTA)

Handling And Storage Precautions: STORE IN COOL DRY WELL-VENTI AREA.DONT STORE NEAR HEAT OR IGN SOURCE

S.ALWAYS KEEP CNTNRS TIGHTLY CLSD TO AVOID CONTAM.

Other Precautions: SPECIAL WARNING:HOT ORGANIC CHEM VAPORS OR MSITS CAN SUDDENLY & WITHOUT WARNING COMBUST WHEN MIXED W/AIR. PROD DOESN CONTAIN TOXIC SEC 313 CHEMS.

=====
Fire and Explosion Hazard Information
=====

Flash Point Method: PMCC

Flash Point Text: >200F,>93C

Autoignition Temp Text: N/ESTA

Lower Limits: N/ESTABLISHD

Upper L

imits: N/ESTABLISHD

Extinguishing Media: USE DRY CHEMICAL,CARBON DIOXIDE,CHEM FOAM.

Fire Fighting Procedures: FIRE FIGHTERS/OTHERS WHO MAY BE EXPO TO PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED W/NIOSH APPROV +PRESSURE,SELF-CONTAIN BREATH APPARATUS/FULL PROT CLOTH.

Unusual Fire/Explosion Hazard: AVOID USING WATER ON BURNING MATLS TO REDUCE SPLATTERING/SPREADING OF FIRE.MAY LIBERATE IRRIT OR TOXIC VAPORS DURING COMBUSTION OR DECOMPOSITION.

=====
=====
Control Measures
=====

Respiratory Protection: AVOID BREATHING VAP &/OR MIST.

Ventilation: MINIMIZE EXPO BY PROVIDING ADEQUATE VENTI.GEN(MECH)RM VENTI SAF FOR USE @LOW TEMPS.@HIGH TEMPS SPEC LOC VENTI (SUPPLEM)

Protective Gloves: WEAR APPROPRIATE IMPERV GLOVES

Eye Protection: WEAR SAF GOGGLES

Other Protective Equipment: WEAR PROTECTIVE CLOTHING.ALWAYS CONSULT GLOVE MFG TO DETERMINE DPROPER TYPE FOR SPECICIF OPERATION.

Work Hygienic

Practices: WASH CONTAM CLOTH SEPARATELY & DRIED BEF REUSE.WASH THOROUGHLY AFT HDNLG ESPEC BEF EAT/DRINK/SMOKE/USE RESTRM FACI.
Supplemental Safety and Health: MSDS ALSO FOR GS-1/E;GS-2/E;GS-101/E HOWEVER %INGREDS DIFFERS. 1STAID:REG POIS CNTRL CNTR.NOTE TO DR:TREAT SHOULD BE DIRECT @PREVENT ABSORPTION,ADMIN TO SYMPT AS THEY OCCUR,& PROVIDE SUPPROT THERAPY. VENTI:RECOMMENDED @PTS WHERE VAP CAN ESCAPE THE WORKPLACE AIR. DISPO:@ACCEPTABLE WASATE TREAT FACILITY.

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

HCC: N1
B.P. Text: >300F,>149C
Vapor Pres: <0.1
Vapor Density: >1
Spec Gravity: 0.91-0.96
PH: NA
Evaporation Rate & Reference: 0, BUTYL ACETATE=1
Solubility in Water: INSOLUBLE
Appearance and Odor: DARK REDDISH LIQUID, ODOR LIKE OIL
Percent Volatiles by Volume: 0

=====
Reactivity Data
=====

=====
Stability Indicator: YES
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: OXIDIZING AGENTS & REDUCING AGENTS.
Hazardous Decomposition Products: IF HEATED TO HIGH TEMPS THIS PRODUCT MAY EMIT SMOKE,SOOT & TOXIC FUMES(E.G. OXIDES OF CARBON AND NITROGEN).
Hazardous Polymerization Indicator: NO

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

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

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

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

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

=====
=====
Transportation Information
=====

Responsible Party Cage: 20772
Trans ID NO: 137060
Product ID: GS-3/E FLUORESCENT ADDITIVE
MSDS Prepared Date: 10/21/1994
Review Date: 10/31/1997
MFN: 1
Net Unit Weight: 6 X 0.5 OZ
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BX
Container QTY: 0
Type Of Container: CAPSULE FORM
Additional Data: PER MSDS:DOT SHIPPING
NAME:NOT REGULATED;LABEL/ID@:NOT
APPLICABLE.NONREGULATED SHIPMENTS BY AIR UNDE R 49CFR,IATA/ICAO/IMO.

=====
Detail DOT Information
=====

DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail IMO Information
=====

IMO PSN Code: ZZZ
IMO Proper Shipp
ing Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
=====

=====
Detail IATA Information
=====

IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSP

ORTATION

HAZCOM Label

Product ID: GS-3/E FLUORESCENT ADDITIVE

Cage: 20772

Company Name: SPECTRONICS CORP

Street: 956 BRUSH HOLLOW RD

PO Box: 483

City: WESTBURY NY

Zipcode: 11590

Health Emergency Phone: 800-424-9300(CHEMTREC)

Label Required IND: Y

Date Of Label Review: 10/31/1997

Status Code: C

Label Date: 10/31/1997

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: EYE:MILD-MODERATE IRRIT.SEVERLY OF RX DEPENDS ON DURATION OF EXPO & 1ST AID PROCEDURES ADMIN.SKIN:IRRIT FOLLOWING PROL/REP CONTACT.INHAL:IRRIT NOSE/THROAT/UPPER RESP TRACT.INGEST:GI IRRIT.ADDN EFFECTS: DEPENDING ON ROUTE/FREQ/DURATION OF EXPO TOXICITY MAY AFFECT EYE.TARGET ORGANS:EYE/SKIN/RESP TRACT/NOSE/THROAT/GI.1ST AID:EYE:FLUSH WELL W/WAT

ER.IRRIT DVLPS CONSULT PHYSICIAN.SKIN:WASH AREA W/SOAP/WAT ER.IRRIT DVLPS CONSULT PHHSICIAN.INHAL:REMOVE TO FRESH AIR.SYMPT DVLPS SEEK MED ATTN.NOT BREATH GIVE ART RESP PREF MOUTH-TO-MOUTH.INGEST:DONT INDUCE VOMIT.ACCIDENTAL INGEST OF SINGLE MOUTHFUL NOT EXPECTED TO CAUSE SIGNIFICANT HARM.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense.

The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America

should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.