

SPECTRONICS CORP -- TP-8609

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MSDS Safety Information  
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FSC: 6820  
NIIN: 01-386-8609  
MSDS Date: 01/07/1999  
MSDS Num: CJDGL  
Product ID: TP-8609  
MFN: 01  
Responsible Party  
Cage: 20772  
Name: SPECTRONICS CORP  
Address: 956 BRUSH HOLLOW RD  
Box: 483  
City: WESTBURY NY 11590  
Info Phon  
e Number: 900-274-8888  
Emergency Phone Number: (800)424-9300

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Item Description Information  
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Item Manager: S9G  
Item Name: DYE,LEAK DETECTION,AIRCRAFT FUEL SYSTEM  
Specification Number: MIL-D-81298  
Type/Grade/Class: TYPE III  
Unit of Issue: GL  
UI Container Qty: 0  
Type of Container: PPP-C-96

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: ORAL LD50 RAT >5G/KG  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: EYE:CAN CAUSE SLIGHT TO MODERATE IRRIT.SKIN:IRRIT CAN  
OCCUR FOLLOWING PROLONGED/REP CONTACT INHAL:CAN CAUSE

**IRRIT TO EYE/NOSE/RESP**

TRACT FOLLOWING PROL EXPO.INGEST:IRRIT TO MOUTH/THROAT/ STOMACH.ADDNT EFFECTS:DEPENDING ON ROUTE,FREQUENCY,DURATION OF EXPO TOXICITY MAY EFFECT IN FOLLOWING ORGANS &/OR SYSTEMS:EYE/NOSE/THROAT.

Explanation Of Carcinogenicity: PER MSDS:CARCINOGENICITY:FLUORESCENT DYE-NO TO ACGIH/IARC/NTP/OSHA.

Signs And Symptions Of Overexposure: MAY CAUSE EYE AND SKIN IRRIT.DONT INHAL CAN CAUSE RESPIRATORY SYSTEM IRRIT. DONT SWALLOWE, CAN CAUSE DIGESTIVE TRACT IRRIT, NAUSE

A, VOMITING, DIARRHEA.

Medical Cond Aggravated By Exposure: EXPOSURE TO THIS PRODUCTG IS OT EXPECTED TO CONTRIBUTE TO,WORSEN, OR AGGRAVATE ANY EXISTING MEDCIAL CONDITIONS.

First Aid: EYE:FLUSH W/LOTS OF H2O FOR 15MINS.IRRIT DVLPS CONSULT DR.SKIN:REMOVE CONTAM CLOTH.WASH AREA W/SOAP/LOTS OF H2O.IRRIT DVLPS CONSULT DR.INHAL:REMOVE TO FRESH AIR.SYMPT DVLP SEEK IMMED MED ATTN.NOT BREA TH GIVE ART RESP.INGEST:CALL DR IMMED.INDUCE VOMIT ONLY AS DIRECTED BY MED PERSONNEL.NOTE TO DR:TREATMENT

SHOULD BE DIRECTED @PREVENTING

ABSORPTION,ADMIN TO SYMPT AS THEY OCCUR,PROVIDING SUPPORTIVE TH ERAPY.

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**Handling and Disposal**

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Spill Release Procedures: CONTAIN W/ABSORBENT MATL SUCH AS CLAY/SOIL/ANY COMMERCIALLY AVAI ABSORBENT.SHOVEL RECLAIMED DYE & ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPO.THIS IS NOT RCRA HAZ WASTE PER TITLE 40CFR261.

Waste Disposal Methods: DISPO

IAW ALL LOC/STATE/FED REGS.GEN STATEMENTS:FED

REGS MAY APPLY TO EMPTY CNTNR.STATE &/OR LOC REGS MAY BE DIFFERENT.GEN RECOMMENDATIONS:OF METHODS DISPO CURRENTLY AVAI TS RECOMMENDED THAT AN ALTER

NATIVE BE SELECTED ACCORDING TO FOLLOWING ORDER OF PREFERENCE BASED ON ENVIRO ACCEPTABILITY:1-RECYCL /REWORK IF @ALL FEASIBLE.2-INCINERATE (SEE OTHER)

Handling And Storage Precautions: STORE IN COOL DRY WELLVENTI AREA AWAY FRM HEAT,IGN SOURCES,DIRECT SUNLIGHT.ALWAYS KEEP CNTNRS TIGHTLY CLSD

Other Precautions: CNTNR PRECAUT:EMPTY CNTNRS CAN RETIAN PRODUCT RESIDUES.DONT REUSE EMTPY CNTNRS FOR FOOD, CLOTHING, OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR WHERE SKIN CONTACT MAY OCCUR.

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**Fire and Explosion Hazard Information**

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Flash Point Method: COC

Flash Point: =106.C, 222.8F

Autoignition Temp Text: N/DETE

Lower Limits: N/DETERMINED

Upper Limits: N/DETERMINED

Extinguishi

ng Media: BASED ON NFPA GUIDE USE DRY CHEM,CO2,OR ALCOHOL FOAM  
SUITABLE FOR CLASS B FIRES.USE H2O TO COOL CNTNRS EXPO TO FIRE.LG  
FIRES-H2OSPRAY OR FOG,DRENCH WELL THE BURNING MATL.  
Fire Fighting Procedures: FIREFIGHTERS & OTHERS WHO MAY BE EXPO TO PRODUCTS  
OF COMBUSTION SHOULD BE EQUIPPED W/NIOSH-APPROVED,POSITIVE-PRESSURE  
SELF-COTNAINED BREATHING APPARATUS(SCBA) & FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard: COMBUSTION/DECOMPOSITION PRODUCTS:SMOKE, SOOT,  
AND TOXIC/  
IRRITATING FUMES(I.E. CARBON DIOXIDE, CARBON MONOXIDE, ETC).OXIDES  
OF NITROGEN.MAY LIBERATE IRRIT OR TOXIC VAP DURING COMBUSTION OR DECOMPOSITI  
ON.

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Control Measures  
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Respiratory Protection: AVOID BREATH VAP AND/OR MIST.IF OCCUPATIONAL EXPO  
LIMITS ARE EXCEEDED WEAR NIOSH/OSHA.HIGH AIRBORNE CONC MAY NECESSITATE THE  
USE OF SELF-CONTAINED BREATHING APPARATUS (SCBA) OR SUPPLIED AIR  
RESPIRATOR

.RESPIRATORY PROTECTION PROGRAMS MUST BE IN COMPLIANCE W/29CFR1910.134.

Ventilation: MANTAIN AIRBORNE CONC BEL ESTABLISH EXPO LMT BY PROVIDING ADEQ  
VENTI.GEN(DIL)VENTI MAY BE ACCEPT HOWEVER LOC EXHAU VENTI RECOMMENDED WHEN  
VAP/MIST/DUST RELEASE.

Protective Gloves: IMPERVIOUS GLOVES-CONSULT MFG TO DETERMINE PROPER TYPE FOR  
SPEC OPERATION.

Eye Protection: SAFETY GOGGLES.

Other Protective Equipment: EYEWASH FACILITY SHOULD BE READILY AVAI.WEAR PROT  
CLOTHING.

Work Hygienic Pract

ices: WASH WELL AFT HNDLG ESPEC BEF EAT/DRINK/SMOKE/USE

RESTRM FACIL.CONTAM CLOTH/SHOES SHOULD BE WELL CLEANED & DRIED BEF REUSE.

Supplemental Safety and Health: NOTE FORM DLA- STAFF: DYE AS PROCURED (I.E.  
NEAT) HAS A RED COLOR; HOWEVER, WHEN PLACED IN FUEL IN MINUTE QUANTITIES, AND  
THAT MIXTURE IS SUBJECTED TO THE BLACK LIGHT SECTOR OF THE UV SPECTRUM, O NE  
WILL NOTE A YELLOW-GREEN FLUORESCENT COLOR.

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Physical/Chemical Properties  
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HCC: N1

Boiling Point: >282.2C, 540.F

B.P. Text: DECOMPOSE

Decomp Temp: >282.2C, 540.F

Vapor Pres: 68F<0.01 MMHG@20C

Vapor Density: >5 (AIR-1)

Spec Gravity: 0.93-0.96 (WATER=1)

Evaporation Rate & Reference: (BUTYL ACETATE=1)

Solubility in Water: INSOLUABLE

Appearance and Odor: DARK RED, LIQUID WITH GAS-LIKE ODOR

Percent Volatiles by Volume: NOT DETERMIN

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERATURES.

Materials To Avoid: OXIDIZERS AND REDUCERS.

Hazardous Decomposition Products: COMBUSTION MAY PRODUCE CARBON MONOXIDE,  
CARBON DIOXIDE, AND OXIDES OF NITROGEN. ALSO SOOT, SMOKE.

Hazardous Polymerization Indicator: NO  
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Toxicological Information  
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Toxicological

Information: LUBRICANT OIL MAY CAUSE TRANSIENT IRRITATION TO EYES  
AND/OR SKIN. ORAL LD50 RAT >5G/KG; ORAL LD50 RABBIT >2G/KG.  
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Ecological Information  
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Ecological: NO DATA ARE AVAILABLE ON THIS PRODUCT.  
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MSDS Transport Information  
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Transport Information: DOT SHIPPING NAM

E:NOT REGULATED.DOT LABEL:NOT

APPLICABLE.DOT IDNO:NOT APPLICABLE.NON-REGULATED SHIPMENTS BY AIR UNDER  
49CFR,IATA/ICAO AND IMO.  
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Regulatory Information  
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Sara Title III Information: OZONE-DEPLETING CHEMS:NO REGULATED INGREDIENTS.SEC

302EXT HAZ SUBST-NO REG INGREDIENTS. SEC 302 RQ-NONE.SEC 311/312 HAZ CAT-FIRE

HAZ-NO;SUDDEN RELEASE OF PRESSURE HAZ-NO;REACTIVITY HAZ-NO;IMMEDIATE(ACUTE)HEALTH

HAZ-NO;DELAY(CHRONIC)HEALTH HAZ-NO.SEC 313 TOXIC CHEM-NO REG INGREDIENTS.

State Regulatory Information: TSCA:CHEMICAL COMPOUNDS OF THIS PRODUCT ARE CONTAINED ON SEC

8(B)CHEMICAL SUBSTANCE INVENTORY LIST(40CFR710).CERCLA-NO REG INGREDIENTS.STATE RIGHT TO

KNOW:PENN-NEW JERSEY RTK:FLUORESCENT DYE.CAL PROP 65-NO REG INGREDIENTS.  
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Other Information  
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Other Information: COMBUSTIBLE LIQUID/VAPOR.MAY CAUSE EYE/SKIN IRRITATION.DONT

INHAL,CAN

CAUSE RESP SYST IRRIT.DONT INGEST.CAN CAUSE DIGESTIVE TRACT IRRIT,  
NAU,VOMIT,DIARR. DISPO:@AUTHORIZED FACILITY,OR 3- TREAT AS ACCEPTABLE WAS TE  
TREATMENT FACILITY.SPEC INSTRUCT:BE SURE TO CONTACT APPROPRIATE GOVT ENVIRO  
AGENCIES IF FURHTER GUIDANCE IS REQUIRED.

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Transportation Information  
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Responsible Party Cage: 20772

Trans ID NO: 139071

Product ID: TP-8609

MSDS Prep

ared Date: 01/07/1999

Review Date: 03/01/1999

MFN: 1

Net Unit Weight: 8 LB

Multiple KIT Number: 0

Unit Of Issue: GL

Container QTY: 0

Type Of Container: PPP-C-96

Additional Data: PER MSDS:DOT SHIPPING NAME/LABEL/ID#:NOT

APPLICABLE.NON-REGULATED SHIPMENTS BY AIR UNDER 49CFR, IATA /ICAO/IMO.

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Detail DOT Information  
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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE O  
F TRANSPORTATION

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Detail IMO Information  
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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information  
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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information  
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label  
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Product ID: TP-8609

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

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I Required IND: Y  
Date Of Label Review: 03/01/1999  
Status Code: A  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: CAUTION  
Respiratory Protection IND: YES  
Health Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: None  
Reactivity Hazard: None

Hazard And Precautions: EYE:SLIGHT-MOD IRRIT.SKIN:IRRIT FOLLOWING PROL/REP CONTACT.INHAL:IRRIT EYE/NOSE/RESP TRACT FOLLOWING PROL EXPO.INGEST:IRRIT MOUTH/THROAT/ STOMACH.ADDNT EFFECTS:DEPENDING ON ROUTE, FREQUENCY,DURATIO  
N O  
F EXPO TOXICITY MAY EFFECT IN FOLLOWING ORGANS &/OR SYST:EYE/NOSE/ THROAT.TARORG:EYE/SKIN/THROAT/RESP TRACT/STOMACH.1ST AID:FLUSH W/LOTS OF H2O 15MINS.IRRIT SEE DR.SKIN:REMOVE CONTAM CLOTH.WASH W/SOAP/ LOTS OF H2O.IRRIT SEE DR.INHAL:MOVE TO FRESH AIR.SYMPT DVLP GET IMMED MED ATTN.NOT BREATH GIVE ART RESP.INGEST:CALL DR IMMED.INDUCE VOMIT ONLY AS DIRECTED BY MED PERSON.

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