

SPECTRONICS CORPORATION -- GS-3, FLUORESCENT DYE FOR AIR CONDITIONING AND REFRIGERATION -- 6850-01-396-0163

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

Product ID:GS-3, FLUORESCENT DYE FOR AIR CONDITIONING AND REFRIGERATION

MSDS Date:04/10/1998

FSC:6850

NIIN:01-396-0163

Status Code:A

MSDS Number: CJTKF

=== Responsible Party ===

Company Name:SPECTRONICS CORPORATION

Address:956 BRUSH HOLLOW ROAD

Box:483

Cit

y:WESTBURY

State:NY

ZIP:11590

Country:US

Info Phone Num:800-274-8888/516-333-4840

Emergency Phone Num:202-483-7616

Preparer's Name:ANDREAS HABERLAND

Chemtrec Ind/Phone:(800)424-9300

CAGE:20772

=== Contractor Identification ===

Company Name:SPECTRONICS CORP

Address:956 BRUSH HOLLOW RD

Box:483

City:WESTBURY

State:NY

ZIP:11590

Country:US

Phone:900-274-8888

Contract Num:SP0450-99-M-NC45

CAGE:20772

===== Composition/Information on Ingredients =====

Ingred Name:FLUORESCENT DYE, NEW

JERSEY TRADE SECRET REGISTRY NUMBER NJ

EIN 80100312-5000P

Minumum % Wt:35.

Maxumum % Wt:55.

Ingrid Name:LUBRICANT OIL, NEW JERSEY TRADE SECRET REGISTRY NUMBER NJ

EIN 80100312-5000P

Minumum % Wt:45.

Maxumum % Wt:65.

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

ACGIH STEL:10 MG/M3 (OIL MIST)

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===== Hazards Identification =====  
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LD50 LC50 Mixture:ORAL LD50(RAT): >5000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Ca

rcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT CAN CAUSE MILD IRRITATION.  
PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. INHALATION  
OF PROCESSING VAPORS CAN CAUSE IRRITATION TO UPPER RESPIRATORY  
TRACT. INGESTION CAN CAUSE GAS TROINTESTINAL IRRITATION. CHRONIC:  
NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, UPPER  
RESPIRATORY T

RACT IRRITATION, GI TRACT IRRITATION.

Medical Cond Aggravated by Exposure:A REVIEW OF AVAILABLE DATA DOES NOT  
IDENTIFY ANY WORSENING OF ANY EXISTING MEDICAL CONDITION.

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===== First Aid Measures =====  
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First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.

FLUSH UNDER LIDS BY LIFTING THEM OR ROLLING EYES. CONSULT A  
PHYSICIAN. SKIN: FLUSH WITH WATER. REMOVE CLOTHING & CONTINUE  
FLUSHING. CONSULT A PHYSICIAN IF IRRITATION DEVELOPS

. INHALATION:

REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING  
STOPPED. IF SYMPTOMS DEVELOP, GET MEDICAL HELP. INGESTION: CALL  
PHYSICIAN IMMEDIATELY. IN DUCE VOMITING ONLY AS DIRECTED BY MEDICAL  
PERSONNEL. NOTE TO PHYSICIAN: TREATMENT SHOULD BE DIRECTED TO  
PREVENTING ABSORPTION, ADMINISTERING TO THE SYMPROMS AS THEY OCCUR  
& PROVIDING SUPPORTIVE THERAP Y.

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===== Fire Fighting Measures =====  
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Flash Point Method:SCC

Flash Point

:>85.C, 185.F

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:BASED ON NFPA GUIDE, USE DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM SUITABLE FOR CLASS B FIRES. USE WATER TO COOL CONTAINERS EXPOSED TO FIRE. FOR LARGE FIRES, USE WATER SPRAY OR FOG

Fire Fighting Procedures:FIRE FIGHTERS AND OTHERS WHO MAY BE EXPOSED TO THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH APPROVED, POSITIVE-PRESSURE, SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:MAY LIBERATE IRRITATING/TOXIC VAPORS DURING COMBUSTION OR DECOMPOSITION.

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

Spill Release Procedures:CONTAIN WITH ABSORBENT MATERIAL, SUCH AS CLAY, SOIL OR ANY COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED DYE AND ABSORBENT INTO A RECOVERY OR SALVAGE DRUMS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED AREA. DON'T STORE NEAR HEAT/OTHER IGNITION SOURCES. KEEP CONTAINERS TIGHTLY CLOSED TO AVOID CONTAMINATION.

Other Precautions:EMPTY CONTAINERS CAN RETAIN PRODUCT RESIDUES. DO NOT REUSE EMPTY CONTAINERS FOR FOOD, CLOTHING, OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR WHERE SKIN CONTACT MAY OCCUR.

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

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Respiratory Protection:AVOID BREATHING VAPOR OR MIST. IF OCCUPATIONAL EXPOSURE LIMITS ARE EXCEEDED WEAR NIOSH/OSHA APPROVED EQUIPMENT. DETERMINE THE APPROPRIATE TYPE BY CONSULTING THE RESPIRATOR MANUFACTURER.

Ventilation:VENTILATION MAY BE ACCEPTABLE, HOWEVER , LOCAL EXHAUST VENTILATION IS RECOMMENDED WHEN VAPORS, MISTS, OR DUST CAN BE RELEASED.

Protective Gloves:WEAR APPROPRIATE IMPERVIOUS GLOVES.

Eye Protection:WEAR SAFETY GOGGLES.

Other Protective Equipment:CH

EMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:CONTAMINATED CLOTHING AND SHOES SHOULD BE THOROUGHLY CLEANED AND DRIED BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING, DRINKING, SMOKING OR USING RESTROOM FACILITIES.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling

Pt:>148.9C, 300.F

Vapor Pres:1

Spec Gravity:0.85-0.9

Evaporation Rate & Reference:< 1 (BUTYL ACETATE=1)

Solubility in Water:NONE

Appearance and Odor:DARK RED LIQUID, LIGHT BLEND PETROLEUM ODOR

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS & REDUCING AGENTS.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS. AVOID HIGH TEMPERATURES.

Hazardous Decomposition Products:

COMBUSTION MAY PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:ORAL LD50 (RAT): DYE >5000 MG/KG; OIL >5000 MG/KG. DERMAL LD50 (RABBIT): DYE >2000 MG/KG; OIL >2000 MG/KG; EYE IRRITATION (RABBIT): DYE-SLIGHT TO MILD IRRITATION; OIL-SLIGHT TO MILD IRRITATION. SKIN IRRITATION (RABBIT): DYE-MILD IRRITATION; OIL-NOT AVAILABLE. FLUOROESCENT D

YE: NEGATIVE RESULTS WERE OBTAINED  
IN THE AMES TEST. NEGATIVE RESULTS WERE OBTAINED IN THE  
MICRONUCLEUS TEST.

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Ecological Information  
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Ecological:NO DATA AVAILABLE FOR THIS PRODUCT.

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Disposal Considerations  
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Waste Disposal Methods:EITHER INCINERATE OR LAND FILL IN ACCORDANCE  
WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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MSDS Transport Information  
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Transport Information:NOT REGULATED.

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Regulatory Information  
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SARA Title III Information:OZONE-DEPLETING CHEMICALS: NO REGULATED  
INGREDIENTS. SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NO  
REGULATED INGREDIENTS. SECTION 302 RQ: NONE. SECTION 311/312 HAZARD  
CATAGORIES: FIRE: YES; SUDDEN RE LEASE OF PRESSURE: NO; REACTIVITY:  
NO; IMMEDIATE (ACUTE) HEALTH: YES; DELAYED (CHRONIC) HEALTH: NO.  
SECTION 313 TOXIC CHEMICALS: NO REGULATE  
D INGREDIENTS.

Federal Regulatory Information:TSCA: THE CHEMICAL COMPONENTS OF THIS  
PRODUCT ARE CONTAINED ON THE SECTION 8(B) CHEMICAL SUBSTANCE  
INVENTORY LIST (40 CFR 710). CERCLA: NO REGULATED INGREDIENTS.  
OSHA: THIS PRODUCT IS NOT CONSIDERED H AZARDOUS UNDER THE OSHA  
HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

State Regulatory Information:STATE RIGHT-TO-KNOW (RTK): PENNSYLVANIA,  
NEW JERSEY. NEW JERSEY RTK: FLUORESCENT DYE- NJ TSRN  
80100312-5000P; LUBRICATING OIL-  
NJ TSRN 80100312-5001P.

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Other Information  
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