

SPECTRONICS CORP -- AR-GLO 4/E

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

FSC: 6850
NIIN: 01-441-6333
MSDS Date: 04/27/1998
MSDS Num: CJVMX
Product ID: AR-GLO 4/E
MFN: 03
Responsible Party
Cage: 20772
Name: SPECTRONICS CORP
Address: 956 BRUSH HOLLOW RD
Box: 483
City: WESTBURY NY 11590
Info Ph
one Number: 800-274-8888
Emergency Phone Number: 800-274-8888

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

Item Manager: S9G
Item Name: LEAK TEST COMPOUND
Unit of Issue: BX
Quantitative Expression: 00000000006EA
UI Container Qty: 0
Type of Container: BOTTLE

=====
Ingredients
=====

Name: *** PROPRIETAR
Y ***

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

LD50 LC50 Mixture: LD50:(ORAL,RAT) >5 G/KG.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: MAY CAUSE EYE, SKIN AND RESPIRATORY SYSTEM IRRITATION.
EYE: CAN CAUSE MILD IRRITATION. SKIN CONTACT: IRRITATION CAN OCCUR FOLLOWING
PROLONGED OR

REPEATED CONTACT. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION.

Explanation Of Carcinogenicity: NOT CARCINOGENIC.

Medical Cond Aggravated By Exposure: A REVIEW OF AVAILABLE DATA DOES NOT IDENTIFY ANY WORSENING OF ANY EXISTING MEDICAL CONDITIONS NOT MENTIONED IN THIS MSDS.

First Aid: EYE-FLUSH WITH WATER FOR 15 MIN. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN. SKIN-REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP & WATER. IF IRRITATION DEVELOPS. CONSULT A PHYSICIAN. INHALATION-

REMOVE TO FRESH AIR. SEEK IMMEDIATE MEDICAL ATTENTION. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. INGESTION-CALL A PHYSICIAN IMMEDIATELY. INDUCE VOMITING ONLY AS DIRECTED BY MEDICAL PERSONNEL.

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

Spill Release Procedures: ISOLATE HAZARD AREA. KEEP UNNECESSARY PERSONNEL FROM ENTERING AREA. ELIMINATE ALL IGNITION SOURCES. SAFELY STOP DISCHARGE. CONTAIN

MATERIAL AS NECESSARY, WITH A DIKE OR BARRIER. STOP MATERIAL FROM CONTAMINATING SOIL OR FROM ENTERING SEWER OR BODIES OF WATER. CONTAIN WITH ABSORBENT MATERIAL SUCH AS CLAY, SOIL, OR ANY COMMERCIALY AVAILABLE ABSORBENT. SHOVEL DYE AND ABSORBENT INTO DRUMS FOR DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling And Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED AREA

AWAY FROM HEAT, IGNITION SOURCES AND DIRECT SUNLIGHT. ALWAYS KEEP CONTAINERS TIGHTLY CLOSED. EMPTY CONTAINERS CAN RETAIN PRODUCT RESIDUES.

Other Precautions: HOT ORGANIC CHEMICAL VAPORS OR MISTS CAN SUDDENLY & WITHOUT WARNING COMBUST WHEN MIXED WITH AIR. IGNITION CAN OCCUR AT TYPICAL ELEVATED TEMPERATURES PROCESS CONDITIONS. ANY USE IN SUCH PROCESSES SHOULD BE EVALUATED THOROUGHLY TO ASSURE SAFE OPERATION CONDITIONS.

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

Flash Point: >315.6C, 600.F

Flash Point Text: NOT TESTED

Extinguishing Media: FOR SMALL FIRES: USE DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER SPRAY, OR FOAM. FOR LARGE FIRES: USE WATER SPRAY, FOG, OR ALCOHOL FOAM.

Fire Fighting Procedures: FIREFIGHTERS AND OTHERS WHO MAY BE EXPOSED TO PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH-APPROVED, POSITIVE-PRESSURE SELF-CONTAINED BREATHING APP

ARATUS SCBA AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: COMBUSTION AND DECOMPOSITION PRODUCTS: SMOKE, SOOT AND TOXIC / IRRITATING FUMES (E.G. CARBON DIOXIDE, CARBON MONOXIDE, ETC). OXIDES OF NITROGEN.

Control Measures

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. HIGH AIRBORNE CONCENTRATIONS MAY NECESSITATE THE USE OF SELF-CONTAINED BREATHING APPARATUS (SCBA) OR A SUPPLIED AIR RESPIRATOR. MUST BE IN COMPLIANCE WITH 29CFR 1910.134.

Ventilation: MAINTAIN AIRBORNE CONCENTRATIONS BELOW THE ESTABLISHED EXPOSURE LIMITS (SEE PEL AND TLV) BY PROVIDING ADEQUATE VENTILATION.** (SEE BELOW)

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: WEAR SAFETY GOGGLES.

Other Protective Equi

ment: WEAR PROTECTIVE CLOTHING. AN EYE WASH FACILITY SHOULD BE READILY AVAILABLE.

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

Supplemental Safety and Health: **GENERAL (DILUTION) VENTILATION MAY BE ACCEPTABLE, HOWEVER, LOCAL EXHAUST VENTILATION IS RECOMMENDED WHEN VAPORS, MISTS OR DUSTS CAN BE RELEASED.

Physical/Chemical Properties

HCC: N1

Boiling Point: =204.4C, 400.F

Vapor Pres: 68F<0.01MMHG@20C

Vapor Density: >1(AIR=1)

Spec Gravity: 0.98 (WATER=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: LIQUID, AMBER COLOR, ODOR MILD.

Reactivity Data

Stability Indicator: YES

Stab

ility Condition To Avoid: HIGH TEMPERATURES.

Materials To Avoid: OXIDIZERS

Hazardous Decomposition Products: COMBUSTION MAY PRODUCE CARBON MONOXIDE OR CARBON DIOXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

=====
Toxicological Information

=====
Toxicological Information: NO DATA ARE AVAILABLE ON THIS PRODUCT.
=====

=====
Ecological Information

=====
Ecological: NO DATA ARE AVAILABLE ON THIS PRODUCT.
=====

=====
MSDS Transport Information

=====
Transport Information: DOT SHIPPING NAME: NOT REGULATED. DOT LABEL: NOT REGULATED.
=====

=====
Regulatory Information

=====
Sara Title III Information: NO REGULATED INGREDIENTS.

Federal Regulatory Information: THIS PRODUCT IS NOT CONSIDERED HAZARDOUS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200). TSCA: THE CHEMICAL COMPONENTS OF THIS PRODUCT ARE CONTAINED ON THE SECTION 8(B) CHEMICAL SUBS TANCE INVENTORY LIST (40 CFR 710).

CERCLA: NO REGULATED INGREDIENTS.

State Regulatory Information: CALIFORNIA PROPOSITION 65- NO REGULATED INGREDIENTS. PENNSYLVANIA-NEW JERSEY R-T-K: FLUORESCEN T DYE & LUBRICANT OIL.

=====
Other Information

=====
Transportation Information

=====
Responsible Party Cage: 20772

Trans ID NO: 150510

Product ID: AR-GLO 4/E

MSDS Prepared Date: 04/27/1998

Review Date: 12/04/1999

MFN: 3

Multiple KIT Number: 0

Unit Of Issue: BX

Container QTY: 0

Type Of

Container: BOTTLE

=====

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 Shipping 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 TRANSPORTATION

=====

HAZCOM Label

=====

=====

Product ID: AR-GLO 4/E

Cage: 20772

Company Name: SPECTRONICS CORP

Street: 956 BRUSH HOLLOW RD

PO Box: 483

City: WESTBURY NY

Zipcode: 11590

Health Emergency Phone: 800-274-8888

Label Required IND: Y

Date Of Label Review: 12/04/1999

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: N

one

Hazard And Precautions: TARGET ORGANS: N/P. MAY CAUSE EYE, SKIN AND RESPIRATORY SYSTEM IRRITATION. EYE: CAN CAUSE MILD IRRITATION. SKIN CONTACT: IRRITATION CAN OCCUR FOLLOWING PROLONGED OR REPEATED CONTACT. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION.

=====
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.