

SERADYN INC (FORMERLY PHOTOVOLT) -- 27-128-02A, AQUATEST 8 VESSEL SOLUTION -
PYRIDINE FREE -- 6630-01-253-3825

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

Product ID:27-128-02A, AQUATEST 8 VESSEL SOLUTION - PYRIDINE FREE

MSDS Date:12/01/1992

FSC:6630

NIIN:01-253-3825

MSDS Number: BVZKV

=== Responsible Party ===

Company Name:SERADYN INC (FORMERLY PHOTOVOLT)

Address:1200 MADISON AVE

Box:1210

City:INDIANAPOL

IS

State:IN

ZIP:46206

Country:US

Info Phone Num:317-266-2000

Emergency Phone Num:317-266-2080

CAGE:NO306

=== Contractor Identification ===

Company Name:PHOTOVOLT CORP. (REPLACED BY SERADYN,INDIANAPOLIS)

Address:USE CAGE 47125

Box:City:NEW YORK

State:NY

Country:US

CAGE:7U623

Company Name:SERADYN INC (FORMERLY PHOTOVOLT)

Address:1200 MADISON AVE

Box:1210

City:INDIANAPOLIS

State:IN

ZIP:46206

Country:US

Phone:317-266-2000

CAGE:NO306

Company Name:SERADYN INC - PHOTOVOLT INSTRUMENTS

Address:1200 MADIS

ON AVE
Box:City:INDIANAPOLIS
State:IN
ZIP:46225
Country:US
Phone:800-428-4007
CAGE:47125

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

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 30-60%
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:CHLOROFORM (SARA III)
CAS:67-66-3
RTECS #:FS9100000
Fraction by Wt: 20-40%
OSHA PEL:(C) 50 PPM
ACGIH TLV:10 PPM; A2; 9293
EPA
Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:SULFUR DIOXIDE (SARA III)
CAS:7446-09-5
RTECS #:WS4550000
Fraction by Wt: 2-10%
OSHA PEL:5 PPM/5 STEL
ACGIH TLV:2 PPM/5 STEL; 9293

Ingred Name:NON-TOXIC PROPRIETARY AMINE
Fraction by Wt: 4-20%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE-IN

GESTED:G/I

DISTURBANCE,DIZZINESS,UNCONSCIOUS,BLINDNESS,DEATH. SKIN:IRRITATION. EYE:IRRITATION,POSSIBLE BLINDNESS. CHRONIC-EYE:BLINDNESS. SKIN DRY & CRACKED SKIN. INHALED:CNS DEPRESSION, KIDNEY & LIVER DAMAGE.

Explanation of Carcinogenicity:CHLOROFORM IS LISTED AS AN ANIMAL CARCINOGEN. SEE INDIVIDUAL REPORTS FOR DETAILS.

Effects of Overexposure:EYE:IRRITATION. SKIN:IRRITATION. INHALED:CNS DEPRESSION. INGESTED:G/I IRRITATION & DISTRESS, NAUSEA, DIZZINESS.

Medical Cond Aggrav

ated by Exposure:DISEASES OF THE EYES, SKIN , KIDNEYS, LIVER.

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

First Aid:INGESTED:CALL POISON CONTROL CENTER FOR ASSISTANCE. EYE & SKIN:IMMEDIATELY & CONTINUOUSLY FLUSH WITH FLOWING WATER. FOR EXPOSURE INVOLVING A SIGNIFICANT QUANTITY OF MATERIAL, CONTACT A PHYSICIAN AS SOON AS POSSIBLE.

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

Flash Point Method:CC

Flash Point:=-10.6C, 51.1F

Exting

quishing Media:CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM, WATER

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS, FLAME & CHEMICAL RESISTANT CLOTHING, HATS, BOOTS, AND GLOVES.

Unusual Fire/Explosion Hazard:VESSEL SOLUTION IS VERY FLAMMABLE. FUMES ARE HAZARDOUS.

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

Spill Release Procedures:WEARING FULL PROTECTIVE EQUIPMENT, COVER SPILL WITH DRY SAND OR VERMICULITE. MIX WELL AND TRANSFER TO A CONTAINER.

Neutralizing Agent:NO INFORMATION GIVEN BY MFR ON MSDS.

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

Handling and Storage Precautions:STORE IN STANDARD FLAMMABLE LIQUIDS STORAGE CABINET. KEEP CONTAINERS TIGHTLY CLOSED. WASH THOROUGHLY AFTER USE.

Other Precautions:LAB COAT & APRON, FLAME & CHEMICAL RESISTANT COVERALLS, EYEWASH CAPABLE OF SUSTAINED FLUSHING, SAFETY DRENCH SHOWER & HYGIENIC FACILITIES FOR WASHING.

===== Expo

sure Controls/Personal Protection =====

Respiratory Protection:HIGH EFFICIENCY ORGANIC VAPOR RESPIRATOR.

Ventilation:LABORATORY FUME HOOD.

Protective Gloves:IMPERVIOUS

Eye Protection:ANSI APPROVED SAFEY GOGGLES

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING INCLUDING BOOTS,
GLOVES, LAB COAT, APRON OR COVERALLS TO PREVENT SKIN CONTACT.

Work Hygienic Practices:MFR: ? HMIS:USE STRICT CHEMICAL HYGIENE
PRACTICE. AVOID UNNECESSARY EXPOSURE. WASH THOROUGHLY BEFORE EATING
OR D

RINKING.

Supplemental Safety and Health

THIS ENTRY DESCRIBES:27-128-02A, PYRIDIENE FREE VESSEL SOLUTION WHICH
IS A PART OF THE KIT; SEE ADDITIONAL DATA FOR MORE
INFORMATION;KEY1:F3

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

HCC:F5

NRC/State Lic Num:NONE

Appearance and Odor:LIQUID, PUNGENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,PERCHLORIC ACID, METALS, CHLORATES, CAR
BIDES, SODIUM
HYDROXIDE

Stability Condition to Avoid:INCOMPATIBLES

Hazardous Decomposition Products:CARBON MONOXIDE

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:CONSULT STATE, LOCAL OR FEDERAL EPA REGULATIONS
FOR PROPER DISPOSAL.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The Un

ited States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.