

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:INDIANAPOLIS

State:IN

ZIP:46206

Country:US

Info Phone Num:317-266-2000

Emer

gency 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 MADISON 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-INGESTED:G/I  
DISTURBANCE,DIZZINESS,UNCONSCIOUS,BLINDNESS,DEATH.

SKIN:IRRITATION.  
EYE:IRRITATION,POSSIBLE BLINDNESS. CHRONIC-EYE:BLINDNESS. SKIN DRY & CRACKED SKIN. INHALED:CNS DEPRESSION, KIDN EY & 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 Aggravated 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 SO ON AS POSSIBLE.

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

Flash Point Method:CC  
Flash Point:=10.6C, 51.1F  
Extinguishing 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 SPIL WITH DRY SAND OR VERMICULITE. MIX WELL AND TRANSFER TO A CONTAINER.  
Neutralizing Agent:NO INFORMATION GIVEN B Y 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.

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

Respiratory Pro

tection: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 DRINKING.  
Supplemental Safety and Health  
THIS ENTRY DESCRIBES:27-1  
28-02A, PYRIDINE 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, CARBIDES, SODIUM  
HYDROXIDE  
Stability Condition to Avoid:INCOMPAT  
IBLES  
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.

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