

SERADYN -- METHYL ALCOHOL 1/2 GALLON, 27-128-04 -- 6630-01-293-4324

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

Product ID:METHYL ALCOHOL 1/2 GALLON, 27-128-04

MSDS Date:07/01/1994

FSC:6630

NIIN:01-293-4324

Kit Part:Y

MSDS Number: BXFTW

=== Responsible Party ===

Company Name:SERADYN

Address:1200 MADISON AVE

City:INDIANAPOLIS

State:IN

ZIP:46225

Country:US

Info Phone Num:800-428-4007

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:NO373

=== Contractor Identification ===

Company Name:SERADYN

Address:1200 MADISON AVE

Box:City:INDIANAPOLIS

State:IN

ZIP:46225

Country:US

Phone:800-428-4007

CAGE:NO373

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 313) (CERCLA)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 98%

OSHA PEL:200 PPM, S

ACGIH TLV:200 PPM

; 250 STEL, S  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50: (ORAL,RAT) 5,628 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INGEST: LGE QTYS MAY CAUSE GI  
DISTURB, CNS DEPRESS, DIZZINESS, UNCON, BLINDNESS & DEATH. SKIN:  
CAUSES IRRIT. EYE: CAUSES IRRIT, POSS BLINDNESS. INHAL: IRRIT TO  
MUC M  
EMBS & UPPER RESP TRACT. CHR ONIC: CONTAINS METHANOL.  
SUBSTANCE IS KNOWN TO PRODUCE ADVERSE REPRO EFTS IN LAB ANIMALS.  
SKIN: DRY & (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:HLTH HAZ: CRACKED SKIN. INHAL: CNS DEPRESS,  
KIDNEY & LIVER DMG.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST: CALL POISON CONTROL CENTER FOR ASSISTANCE. EYE:  
  
IMMEDIATELY & CONTINUOUSLY FLUSH W/FLOWING WATER. FOR EXPOS  
INVOLVING A SIGNIFICANT QTY OF MATL, CONT MD AS SOON AS POSS. SKIN:  
FLUSH W/COPIOUS AMOUNTS OF WATER. SEE MD. INHAL: REMOVE TO FRESH  
AIR. SUPPORT BREATHING(GIVE O\*2/ARTF RESP).

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

Flash Point Method:CC  
Flash Point:53.0F,11.7C  
Extinguishing Media:PRODUCT IS VERY FLAMMABLE. CARBON DIOXIDE, DRY  
CHEMICAL, ALCOHOL FOAM, WATER.  
Fire Fighting Procedures:WEA  
R NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:WEARING FULL PROTECTIVE EQUIPMENT, COVER SPILL  
WITH DRY SAND OR VERMICULTE. MIX WELL & CAREFULLY TRANSFER TO A  
CONTAINER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions

:KEEP CONTAINERS TIGHTLY CLOSED. STORE  
IN STANDARD FLAMMABLE LIQUID STORAGE CABINET.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NIOSH/MSHA APPROVED HIGH EFFICIENCY ORGANIC  
VAPOR RESPIRATOR.  
Ventilation:LABORATORY FUME HOOD.  
Protective Gloves:IMPERVIOUS GLOVES.  
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS.  
Other Protective Equipment:IMPERVIOUS PROT CLTHG INCLG BOOTS, GLOVES,  
LAB COAT,  
APRON & FLAME & CHEM RESIST COVERALLS, EYEWASH CAPABLE  
OF(SUPDAT)  
Work Hygienic Practices:WASH THOROUGHLY AFTER USE.  
Supplemental Safety and Health  
OTHER PROT EQUIP: SUSTAINED FLUSHING, SAFETY DRENCH SHOWER & HYGIENIC  
FACILITIES FOR WASHING.

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

HCC:T4  
Boiling Pt:B.P. Text:147F,64C  
Melt/Freeze Pt:M.P/F.P Text:-144F,-98C  
Vapor Pres:100 @ 21C  
Vapor Density:1.11  
Spec Gravity:0.8  
Solubility in Water:SOLUBLE  
Appearance and Odo  
r:CLEAR W/MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES  
OXIDIZING AGENTS, PERCHLORATE ACID, SODIUM HYDROXIDE.  
Stability Condition to Avoid:INCOMPATIBLES.  
Hazardous Decomposition Products:CARBON MONOXIDE.

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

Waste Disposal Methods:CONSULT STATE, LOCAL OR FEDERAL EPA REGULATIONS  
FOR PROPER DISPOSAL. RCRA CODE: D001.

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