

SERADYN INC -- METHANOL -- 6810-00-275-6010

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

Product ID:METHANOL
MSDS Date:10/24/1989
FSC:6810
NIIN:00-275-6010
MSDS Number: BPFVQ
=== Responsible Party ===
Company Name:SERADYN INC
Address:1200 MADISON AVE
Box:1210
City:INDIANAPOLIS
State:IN
ZIP:46206
Country:US
Info Phone Num:317-266-2080
Emergency Phone Num:317-266-2080
Preparer's Name:MICHAEL J. SULLIVAN
CAGE
:47125

==== Contractor Identification ====
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
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

=====

==== Hazards Identification =====

LD50 LC50 Mixture:TLV 200 PPM (CEILING LIMIT)

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:POISONING, HEADACHE, NAUSEA, BILNDNESS.

Med

ical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE AND SKIN: IMMEDIATELY AND CONTINUOUSLY FLUSH WITH FLOWING WATER.

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

Flash Point Method:CC

Flash Point:53.6F,12.0C

Lower Limits:6.0

Upper Limits:36.5

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM, WATER.

Fire Fighting Procedures:WEAR FULL PROETCTIVE CLOTHING AND SELF

CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:MAY BURN WITH AN INVISIBLE FLAME.

MIXTURES WITH WATER AS LOW AS 21% FLAMMABLE.

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

Spill Release Procedures:SMALL SPILL: ABSORB ON PAPER AND EVAPORATE IN HOOD.

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

Handling and Storage Precautions:OUTSIDE OR DETACHED STORAGE IS PREFERABLE. INSIDE STORAGE SHOULD BE IN A STANDARD FLAMMA

BLE LIQUID
STORAGE ROOM OR CABINET.

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

Respiratory Protection:WEAR SELF-CONTAINED BREATHING APPARATUS.
Ventilation:LOCAL EXHAUST VENTILATION.
Protective Gloves:RUBBER GLOVES
Eye Protection:SAFETY GLASSES GOGGLES & FACE SHIELD
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING, DRINKING OR SMOKING.
Supplemental Safety and Health
NONE

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

=

HCC:F5
Boiling Pt:=63.9C, 147.F
Melt/Freeze Pt:=-97.2C, -143.F
Vapor Pres:97 MMHG
Vapor Density:1.11
Spec Gravity:0.8
Evaporation Rate & Reference:5 (N-BUTYL ACETATE=1)
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS LIQUID, CLEAR, SLIGHT ALCOHOL ODOR.
Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES
OXIDIZING MATERIALS: PERCHLORIC ACID; SODIUM HYDROXIDE AND CHLOROFORM.
Hazardous De
composition Products:COMBUSTION MAY PRODUCE CARBON
MONOXIDE.

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

Waste Disposal Methods:INCINERATE OR LANDFILL IN ACCORDANCE WITH LOCAL,
STATE AND FEDERAL REGULATIONS.

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 this informatio

n 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.