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## **REAGENT ALCOHOL DENATURED ALCOHOL, S550C.**

### **MSDS Number**

CKSNV

### **National Stock Number**

-

### **Product Name**

REAGENT ALCOHOL DENATURED ALCOHOL, S550C.

### **Manufacturer**

VAL TECH DIAGNOSTICS INC

### **Product Identification**

Product ID:REAGENT ALCOHOL DENATURED ALCOHOL, S550C.

MSDS Date:03/22/1995

FSC:NIIN:Submitter:N EN

Status Code:A

MSDS Number: CKSNV

### **Responsible Party**

VAL TECH DIAGNOSTICS INC

806 FIFTH AVE

BRACKENRIDGE , PA 15014

US

Emergency Phone: (800) 424-9300

Info Phone: 724-224-2440

Cage: 01HD3

### **Contractor**

VAL TECH DIAGNOSTICS INC

BRACKENRIDGE, PA 15014

US

724-224-2440

Cage: 01HD3

### **Ingredients**

ETHANOL

CAS: 64-17-5

RTECS: KQ6300000

OSHA PEL1900 MG/M3;1000 PPM

ACGIH TLV: 1880 MG/M3;1000 PPM

METHANOL

CAS: 67-56-1

RTECS: PC1400000

OSHA PEL260 MG/M3;200 PPM

ACGIH TLV: 262 MG/M3;200 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ISOPROPANOL

CAS: 67-63-0

RTECS: NT8050000

OSHA PEL980 MG/M3;400 PPM

ACGIH TLV: 983 MG/M3;400 PPM

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: POISONOUS. MAY BE FATAL IF  
INGESTED. CAN CAUSE NAUSEA, VOMITING, HEADACHE, DROWSINESS, DRUNKEN  
BEHAVIOR, FATIGUE, WEAKNESS, CONFUSION, ABDOMINAL PAIN, OR COMA.  
SIGNS OF EXPOSURE: NAUSEA, VOMIT ING, HEADACHE, DROWSINESS,  
DIZZINESS, FAINTNESS, EUPHORIA, DECREASED AWARENESS, SHORTNESS OF  
BREATH, LEG CRAMPS, VISUAL, DISTURBANCES, COMA, OR DEATH. CHRONIC:  
NONE SPECIFIED BY MANUFACTURER .  
Explanation of Carcinogenicity:NONE KNOWN.  
Effects of Overexposure:SEE HEALTH HAZARDS .  
Medical Cond Aggravated by Exposure:RESPIRATORY, CORONARY, AND LIVER  
CONDITIONS.

## First Aid

First Aid:IF INGESTED AND CONSCIOUS, INDUCE VOMITING. EYE CONTACT:  
RINSE WITH WATER FOR AT LEAST 15 MINUTES. CONSULT MEDICAL HELP.  
SKIN: RINSE SKIN FOR AT LEAST 15 MINUTES. INGESTION: IF INGESTED  
AND CONSCIOUS , INDUCE VOMITING, SEEK MEDICAL HELP IMMEDIATELY.  
INHALATION: REMOVE TO FRESH AIR. SUPPORT BREATHING. CONTACT A  
PHYSICIAN IMMEDIATELY .

## Fire Fighting

Flash Point Method:TCC  
Flash Point:=14.C, 57.2F  
Lower Limits:3.3%  
Upper Limits:19.0%  
Extinguishing Media:ALCOHOL TYPE FOAM, CO2, OR DRY CHEMICAL.  
Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE  
EQUIPMENT . USE WATER TO COOL CONTAINERS AND TO DISPERSE VAPORS.  
WEAR BREATHING APPARATUS AND PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:VAPORS FORM AND MAY TRAVEL TO OPEN FLAMES  
AND SPARKS. VAPORS MAY SETTLE IN LOW AREAS.

## Handling

Handling and Storage Precautions:STORAGE: STORE IN A FLAMMABLE SAFETY  
CABINET OR ROOM. HANDLING: USE IN WELL VENTILATED AREA, KEEP AWAY  
FROM ANY OPEN FLAMES, SPARKS, OR SOURCES OF IGNITION.

## Exposure Controls

Respiratory Protection:A NIOSH APPROVED RESPIRATOR APPROPRIATE FOR THE  
EXPOSURE OF CONCERN . ORGANIC VAPOR TYPE MASK OR SELF CONTAINED  
SYSTEM.  
Ventilation:NON SPARKING SYSTEM.  
Protective Gloves:NEOPRENE OR PVC.  
Eye Protection:ANSI APPROVED CHEMICAL SAFETY GOGGLES & FULL FACE SHIELD  
.  
Other Protective Equipment:PROTECTIVE CLOTHING: OUTER GARMENTS NOT  
AFFECTED BY THE PRODUCT. EYEWASH AND DELUGE SHOWER MEETING ANSI  
DESIGN CRITERIA .  
Work Hygienic Practices:HANDLE AS A HIGHLY FLAMMABLE LIQUID AND WEAR  
APPROPRIATE PERSONAL SAFETY-EQUIPMENT.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt: =79.C, 174.2F  
Melt/Freeze Pt: =-90.C, -130.F  
Vapor Pres:(MMHG): 25 MMHG  
Vapor Density:(AIR=1)1.6  
Spec Gravity:(H2O=1): 0.7905  
Evaporation Rate & Reference:(BUTYL ACETATE=1): 2.0  
Solubility in Water: COMPLETE  
Appearance and Odor: CLEAR, COLORLESS LIQUID WITH AROMATIC ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES  
OXIDIZING AGENTS, NITRIC ACID, SUPHURIC ACID.  
Stability Condition to Avoid: STORAGE AT HIGH TEMPERATURES.  
Hazardous Decomposition Products: CARBON DIOXIDE AND CARBON MONOXIDE.  
Conditions to Avoid Polymerization: WILL NOT OCCUR.

## Disposal

Waste Disposal Methods: INCINERATE IN A FURNACE WHERE REGULATIONS PERMIT. DISPOSE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS .

## Other Information

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

Transport Information: DOT LABELING: DENATURED ALCOHOL, CLS 3 (FLAMMBLE LIQUID), NA 1987, PG II.

## Regulatory

SARA Title III Information: IN COMPLIANCE WITH SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR PART 372 THE FOLLOWING TOXIC CHEMICALS ARE PRESENT: METHYL ALCOHOL.