

VAL TECH DIAGNOSTICWS INC -- DENATURED ALCOHOL, SDA-31 -- 6810-00-201-0906

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Product Identification  
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Product ID: DENATURED ALCOHOL, SDA-31  
MSDS Date: 01/17/1996  
FSC: 6810  
NIIN: 00-201-0906  
MSDS Number: CDGNM  
=== Responsible Party ===  
Company Name: VAL TECH DIAGNOSTICWS INC  
Address: 806 5TH AVE  
City: BRACKENRIDGE  
State: PA  
ZIP: 15014  
Country: US  
Info Phone Num: 412-224-2440  
Emergency Phone Num: 800-4  
24-9300(CHEMTREC)  
CAGE: EO315  
=== Contractor Identification ===  
Company Name: VAL TECH DIAGNOSTICS INC  
Address: 806 FIFTH AVE  
Box: City: BRACKENRIDGE  
State: PA  
ZIP: 15014  
Country: US  
Phone: 724-224-2440  
CAGE: 01HD3  
Company Name: VAL TECH DIAGNOSTICS INC.  
Address: 806 FIFTH AVE.  
Box: City: BRACKENRIDGE  
State: PA  
ZIP: 15014  
Country: US  
Phone: 412-224-2440  
CAGE: EO315

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Composition/Information on Ingredients  
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Ingred Name: ETHYL ALCOHOL (ETHANOL)  
CAS: 64-17-5  
RTECS #: KQ6300000  
Fraction by Wt

: 90%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9596

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 200 PPM  
ACGIH TLV:S,200PPM/250STEL; 96  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:400 PPM  
ACGIH TLV:400 PPM/500STEL;9596

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:POISONOUS.MAY BE FATAL IF INGESTED.CAN  
CAUSE NAUSEA,VOMITING,HEADACHE,DROWSINESS,DRUNKEN  
BEHAVIOR,FATIGUE,WEAKNESS,CONFUSION.CHRONIC:ABDOMINAL PAIN,OR COMA.  
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NONE KNOWN.  
Effects of

Overexposure:NAUSEA,VOMITING,HEADACHE,DROWSINESS,DIZZINESS,FAINTNES  
S,EUPHORIA,DECREASED AWARENESS,SHORTNESS OF BREATH,LEG  
CRAMPS,VISUAL DISTURBANCES,COMA,OR DEATH.  
Medical Cond Aggravated by Exposure:RESPIRATORY, CORONARY, & LIVER  
CONDITIONS.

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

First Aid:IF INGESTED & CONSCIOUS INDUCE VOMIT.SEEK MED HELP  
IMMED.RINSE SKIN/EYES W/WATER FOR @LEAST 15MINS, CONSULT MED HELP  
FOR EYE CONTACT.INHAL:REMOVE TO FRE

SH AIR,PERFORM ARTIFICIAL  
RESPIRATION IF NEEDED.

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

Flash Point Method:TCC

Flash Point:55.4F,13.0C

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:2.1

Upper Limits:36

Extinguishing Media:ALCOHOL TYPE FOAM, CO2, DRY CHEMICAL.

Fire Fighting Procedures:USE WATER TO COOL CONTAINERS & TO DISPERSE  
VAPORS.WEAR BREATHING APPARATUS & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPORS FORM & MAY TRAVEL TO OPEN FLAM  
ES &

SPARKS.VAPORS MAY SETTLE IN LOW AREAS.

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

Spill Release Procedures:ABSORB MATL W/NON-FLAMM MATL SUCH AS SAND &  
PLACE IN SEALED CONTAINER.NOTIFY PERSONNEL TO CLEAR AREA.TURN OFF  
ANY SOURCES OF FLAME OR SPARKS.SPILL/RELEASE REPORTABLE QUANT TO  
NAT RESPONSE CNTR:800-424 -8802,40CFR302:NONE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Ha

ndling and Storage Precautions:STORE IN FLAMM SAFETY CABINET OR  
ROOM.USE IN WELL VENTILATED AREA.KEEP AWAY FROM ANY OPEN  
FLAMES,SPARKS,SOURCES OF IGNITION.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR IF PEL EXCEEDED.

Ventilation:NON-SPARKING SYSTEM.

Protective Gloves:NEOPRENE OR PVC.

Eye Protection:GOGGLES OR FULL FACE SHIELD.

Other Protective Equipment:OUTER GARME

NTS NOT AFFECTED BY THE PRODUCT.

Work Hygienic Practices:HANDLE AS A HIGHLY FLAMM LIQUID & WEAR  
APPROPRIATE PERSONAL SAFETY EQPMT.

Supplemental Safety and Health

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

HCC:F5

Boiling Pt:B.P. Text:147F,64C

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:44MM

Vapor Density:>1

Spec Gravity:0.7905

pH:NP

Viscosity:NP

Evaporation Rate & Reference:>1, BUTYL ACETATED=1

Solubility in Water:COMPLETE

Appearance an

d Odor:CLEAR, COLORLESS LIQUID WITH AROMATIC ODOR.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS,NITRIC ACID,SULFURIC ACID.

Stability Condition to Avoid:STORAGE AT HIGH TEMPERATURES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE

IWTH ALL LOCAL, STATE

AND FEDERAL REGULATIONS.SARA TITLE III/40CFR372:METHANOL UPPER

BOOUND CONC:4.7%.

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