

U S INDUSTRIAL CHEMICALS CO -- SPECIALLY DENATURED ALCOHOL(SDA)3A -- 6810-00-577-4889

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

Product ID:SPECIALLY DENATURED ALCOHOL(SDA)3A

MSDS Date:07/11/1988

FSC:6810

NIIN:00-577-4889

MSDS Number: BFFWR

=== Responsible Party ===

Company Name:U S INDUSTRIAL CHEMICALS CO

Address:RT 2

Box:218

City:TUSCOLA

State:IL

ZIP:61953-9802

Country:US

Info Phone Num:217-253-3311

Em

ergency Phone Num:217-253-3311

Preparer's Name:C.A.EISENHARD

CAGE:1F942

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:U S INDUSTRIAL CHEMICALS CO

Address:RT 2

Box:218

City:TUSCOLA

State:IL

ZIP:61953-9802

Country:US

CAGE:1F942

=====  
Composition/Information on Ingredients  
=====

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-

17-5  
RTECS #:KQ6300000  
Fraction by Wt: 95.2%  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9192

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: 4.8%  
OSHA PEL:S,200PPM/250STEL  
ACGIH TLV:S,200PPM/250STEL; 93  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000

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

LD50 LC50 Mixture:LESS THAN 30ML OR 0.34G/K OF MEOH FATAL.  
Routes of Entry: Inhalation:YE  
S Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF  
EYES,SKIN,RESPIRATORY OR G.I. TRACT;HEADACHE,DROWSINESS,CNS  
DEPRESSION,NAUSEA,VOMITING,DIARRHEA. CHRONIC:IRRITATION;DEFATTING  
OF SKIN ON PROLONGED CONTACT;METHYL ALCOHOL CAUSES BL INDNESS OR  
DEATH IF INGESTED.  
Effects of Overexposure:INHALATION:HEADACHE,DROWSINESS,IRRITATION OF  
THROAT,LOSS OF APPETITE.  
INGESTION:DEPRESSION OF  
CNS,NAUSEA,VOMITING,DIARRHEA,MAY BE FATAL.  
  
EYES:IRRITATION SKIN:IRRITATION,DEFATTING OF SKIN.  
Medical Cond Aggravated by Exposure:IF INGESTED CALL PHYSICIAN  
IMMEDIATELY. MAY CAUSE DEATH.

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

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF  
NEED;EYES/SKIN:FLUSH W LG AMTS H\*2O FOR 15 MIN;INGEST:RINSE MOUTH;  
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER  
SYMPTOMS OF OVEREXPOSURE.

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

=====

Flash Point Method:TCC

Flash Point:=12.8C, 55.F

55F/12.8C

Autoignition Temp:Autoignition Temp Text:685F

Lower Limits:3.3

Upper Limits:19.0

Extinguishing Media:DRY CHEMICAL,CO\*2,FOAM.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:SMOKE,FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN SPILLED

MATERIAL;USE SUITABLE ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL DRY AND WELL VENTILATED AREA.KEEP AWAY FROM HEAT,OPEN FLAMES AND SPARKS.AVOID PHYSICAL DAMAGE;KEEP OUT OF REACH OF CHILDREN.

Other Precautions:KEEP CLOSURE UP TO PREVENT LEAKAGE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN