

CDS,INC. -- ISOPROPYL ALCOHOL -- 6810-00-855-1158

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

Product ID:ISOPROPYL ALCOHOL

MSDS Date:09/29/1986

FSC:6810

NIIN:00-855-1158

MSDS Number: BGSTQ

=== Responsible Party ===

Company Name:CDS,INC.

Address:420 SEABOARD DRIVE

City:MATTHEWS

State:NC

ZIP:28105

Info Phone Num:704-821-9822

Emergency Phone Num:704-821-9822

CAGE:MO109

=== Contractor Identification ===

Company Name:CDS,INC.

Address:420 SEABOARD DRIVE

Box:City:MATTHEWS

Sta

te:NC

ZIP:28105

Phone:704-821-9822

CAGE:MO109

Company Name:CSD INC. (PRE 1985 NAME: MATHEWS, INC)

Address:420 SEABOARD DRIVE

Box:City:MATTHEWS

State:NC

ZIP:28105-5073

Country:US

Phone:704-821-9822

CAGE:5W216

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: >99%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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

LD50 LC50 Mixture:LD50 RAT 5045 MG/KG LDLO MAN 2770 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:PRODUCT IS MILDLY IRRITATING AND MODERATELY TOXIC. CHRONIC OVEREXPOSURE MAY CAUSE KIDNEY OR BRAIN DAMAGE.

Effects of Overexposure:EYE:IRRITATION,TEARING,BLURRED VISION.

SKIN:PROLONGED/REPEATED:DRYING,DEFATTING,DERMATITIS.

INHALED:RESPIRATORY

IRRITATION,HEADACHE,DIZZINESS,FATIGUE,

NAUSEA,POSSIBLE COMA.

INGESTED:G/I IRRITATION,NAUS EA,VOMITING,DIARRHEA.

Medical Cond Aggravated by Exposure:NONE REPORTED.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER.

INHALED:REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED,AND IF SO,GET MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING . GIVE WATER AND GET IMMEDIATE MEDICAL ATTENTION.

===== Fire

Fighting Measures =====

Flash Point Method:TCC

Flash Point:53F/11C

Lower Limits:2.5

Upper Limits:12.0

Extinguishing Media:DRY CHEMICAL,FOAM,CARBON DIOXIDE. WATER MAY BE INEFFECTIVE BUT MAY BE USED TO DILUTE PRODUCT TO NON-FLAMMABILITY.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR. THEY MAY TRAVEL TO LOW AREAS THEN FLASH-BACK FROM AN IGNITION SOURCE.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA.

RECOVER AS LIQUID IF POSSIBLE,ADSORB ON INERT MATERIAL IF NOT.

STORE IN TIGHTLY CLOSED CONTAINERS (AS FLAMMABLE LIQUID) PENDING DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE AS FLAMMABLE LIQUID; IN A WELL VENTILATED AREA FREE FROM IGNITION

SOURCES. OUTSIDE OR DETACHED
STORAGE IS SUGGESTED.

Other Precautions:GROUND CONTAINERS WHEN TRANSFERRING LIQUID. DO NOT
CUT,WELD,ETC.,ON "EMPTY" CONTAINERS,AS THEY MAY RETAIN EXPLOSIVE
QUANTITIES OF LIQUID OR VAPOR.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC
VAPOR CARTRIDGE OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE
PEL/TLV.

Ventilation:USE GENERAL OR LOCAL EXHAUST AS NEEDED TO
REDUCE EXPOSURES
TO BELOW PEL/TLV.

Protective Gloves:IMPERVIOUS;RUBBER,VINYL

Eye Protection:SPLASH GOGGLES

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING AS NEEDED TO
PROTECT FROM SPLASHES AND PREVENT PROLONGED OR REPEATED SKIN
CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. MINIMIZE
CONTACT WITH THE PRODUCT.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:180F/82C

Vapor P

res:33 MM

Vapor Density:2.0

Spec Gravity:0.783

Evaporation Rate & Reference:7.70 ETHYL ETHER

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR CLORLESS LIQUID,ALCOHOL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT,INGITION SOURCES

Hazardous Decomposition Products:NORMAL PRODUCTS OF COMBUSTION.

===== Disposal Con

siderations =====

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
HMIS RECOMMENDS SOLVENT RECOVERY OR INCINERATION.

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