

SOLVENTS AND CHEMICALS, INC. -- IPA 99% -- 6810-00-543-7915

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

Product ID:IPA 99%

MSDS Date:11/22/1996

FSC:6810

NIIN:00-543-7915

MSDS Number: CGFNQ

=== Responsible Party ===

Company Name:SOLVENTS AND CHEMICALS, INC.

Address:4704 SHANK ROAD

Box:490

City:PEARLAND

State:TX

ZIP:77581

Country:US

Info Phone Num:713-485-5377/FAX-6129

Emergency Phone Num:713-485-5377/800-42

4-9300

CAGE:4W432

=== Contractor Identification ===

Company Name:SOLVENTS AND CHEMICALS, INC.

Address:4704 SHANK ROAD

Box:City:PEARLAND

State:TX

ZIP:77588-0490

Country:US

Phone:281-485-5377

CAGE:4W432

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

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

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

LD50

LC50 Mixture:TLV: 200 PPM

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

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

Health Hazards Acute and Chronic:EYE & SKIN-PRIMARY IRRITATION TO SKIN, DEFATTING, DERMATITIS. PRIMARY IRRITATION TO EYES. LIQUID CAN CAUSE EYE IRRITATION. INHALATION-ANESTHETIC. IRRITATES RESPIRATORY TRACT. ACUTE OVEREXPOSURE CAN CAUSE SERIOUS NERVOUS SYSTEM DEPRESSION. VAPOR HARMFUL. SWALLOWING-HARMFUL OR FATAL IF SWALLOWED.

Explanation of Ca

rcinogenicity:THIS PRODUCT HAS NO CARCINOGENS LISTED

BY IARC, NTP, NIOSH, OSHA OR ACGIH, AS OF THIS DATE, GREATER OR EQUAL TO 0.1%.

Effects of Overexposure:EYES-REDNESS, TERAINING, BLURRED VISION.

SWALLOWING-CAN CAUSE ABDOMINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH SEVERE SKIN, LIVER OR KIDNEY PROBLEMS SHOULD AVOID USE.

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

First Aid:EYE:FLUSH W/WATER 15 MIN

& GET MEDICAL ATTENTION.

SKIN:IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP & WATER. INHALATION:REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYG EN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. SWALLOWING:CALL A PHYSICIAN IMMEDIATELY. INDUCE VOMITING PROMPTLY USING PHYSICIAN'S INSTRUCTIONS.

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

Flash Point Method:TCC

Flash Point:51.8F,11.0C

Autoignition Temp:Autoignition

Temp Text:371C

Lower Limits:2

Extinguishing Media:NFPA CLASS B EXTINGUISHERS (CARBON DIOXIDE OR FOAM) FOR CLASS II LIQUID FIRES.

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN PROTECT FIRE-FIGHTERS. USE FOG NOZZLES. USE NIOSH APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COMBUSTIBLE! KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM OXIDIZERS, HEAT & OPEN FLAMES. CLOSED CONTAINER MAY EXPLODE IF EXPOSED TO EXTR

EME HEAT.

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

Spill Release Procedures:STOP SPILL AT SOURCE. DIKE AREA AND CONTAIN.
CLEANUP REMAINDER WITH ABSORBENT MATERIAL. MOP UP AND DISPOSE OF.
PERSONS WITHOUT PROPER PROTECTION SHOULD BE KEPT FROM AREA UNTIL
CLEANED UP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:ISOLATE FROM OXIDIZERS, HEAT AND OPEN

FLAMES. DO NOT STORE ABOVE 49C/120F. STORE LARGE AMOUNTS IN
STRUCTURES MADE FROM OSHA CLASS II LIQUIDS.

Other Precautions:KEEP CONTAINER TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN
USE TO PREVENT LEAKAGE. USE ONLY WITH ADEQUATE VENTILATION. AVOID
BREATHING OF VAPOR OR SPRAY MIST. AVOID PROLONGED OR REPEATED
CONTACT WITH SKIN.

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

Respiratory Protection:USE NIOSH APPROVED POSITIVE PRESSURE SELF-
CONTAINED BREATHING
APPARATUS. CONSULT SAFETY EQUIPMENT SUPPLIER.
USE EXPLOSION PROOF EQUIPMENT.

Ventilation:LOCAL EXHAUST-NECESSARY. MECHANICAL (GENERAL)-ACCEPTABLE.

Protective Gloves:WEAR GLOVES.

Eye Protection:OSHA STANDARD GOGGLES OR FACE SHIELD.

Other Protective Equipment:WEAR APRON & FOOT WARE IMPERVIOUS TO THIS
MATERIAL.

Work Hygienic Practices:WASH CLOTHING BEFORE REUSE.

Supplemental Safety and Health

EMPTY CONTAINERS VERY HAZARDOUS!

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

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HCC:F2

NRC/State Lic Num:NONE

Boiling Pt:=80.C, 176.F

Vapor Pres:33 MMHG

Vapor Density:2.1

Spec Gravity:0.787

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID, WATER-WHITE, ALCOHOL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS SUCH AS PERMANGANATES, CHROMATES AND PEROXIDES.

Stability Condition to Avoid:ISOLATE FROM OXIDIZERS, HEAT, SPARKS,
ELECTRICAL EQUIPMENT

AND OPEN FLAMES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE FROM BURNING.

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

Waste Disposal Methods: RECYCLE OR DISPOSE OF OBSERVING LOCAL, STATE AND FEDERAL HEALTH, SAFETY AND POLLUTION LAWS. IF QUESTIONS EXXIST, CONTACT THE APPROPRIATE AGENCIES.

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