

INDUSTRIAL CHEMICAL COMMODITIES INC -- ACC-01, CLEANING COMPOUND, SOLVENT --  
6850-01-383-2377

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

Product ID:ACC-01, CLEANING COMPOUND, SOLVENT  
MSDS Date:06/21/2000  
FSC:6850  
NIIN:01-383-2377  
Status Code:A  
MSDS Number: CKQCC  
=== Responsible Party ===  
Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC  
Address:15944 DERWOOD RD  
City:ROCKVILLE  
State:MD  
ZIP:20855  
Country:US

Info Phone Num:800-284-5279  
Emergency Phone Num:800-424-9300  
Preparer's Name:TIM DAWSON  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:1ELU0  
=== Contractor Identification ===  
Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC  
Address:15944 DERWOOD RD  
Box:City:ROCKVILLE  
State:MD  
ZIP:20855  
Country:US  
Phone:800-284-5279  
Contract Num:SP0450-00-M-SE87  
CAGE:1ELU0

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

Ingred Name:TOLUENE  
CAS:108-88-3  
RTECS #:XS5250000  
= Wt:18.5  
OSHA PEL:SEE TABLE

Z-2  
ACGIH TLV:188 MG/M3;50 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL ACETATE  
CAS:141-78-6  
RTECS #:AH5425000  
= Wt:35.5  
OSHA PEL:1400 MG/M3;400 PPM  
ACGIH TLV:1440 MG/M3;400 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE  
CAS:78-93-3  
RTECS #:EL6475000  
= Wt:36.  
OSHA PEL:590 MG/M3;200 PPM  
ACGIH TLV:590 MG/M3;200 PPM  
ACGIH STEL:885 MG/M3;300 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL  
CAS:67-63-0  
RTECS #:NT8050000  
= Wt:10.  
OSHA PEL:980 MG/M3;400 PPM  
ACGIH TLV:983 MG/M3;400 PPM  
ACGIH STEL:1230 MG/M3;500 PPM

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

LD50 LC50 Mixture:LD50-LC50 MIXTURE:(ORAL RAT) IS >100 PPM  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE IRRITATION OF THE EYES AND  
SKIN. MAY BE ABSORBED CUTANEOUSLY IN HARMFUL AMOUNTS. MAY CAUSE GI  
TRACT IRRITATION IF

INGESTED. MAY CAUSE LUNG DAMAGE IF ASPIRATED.

MAY CAUSE DIZZINESS, NAUSEA AND RESPIRATORY IRRITATION THROUGH INHALATION. CHRONIC: MAY DAMAGE LIVER, KIDNEYS, LUNGS, AND BLOOD FORMING ORGANS.

Effects of Overexposure:MAY CAUSE IRRITATION OF THE EYES AND SKIN. MAY BE ABSORBED CUTANEOUSLY IN HARMFUL AMOUNTS. MAY CAUSE GI TRACT IRRITATION IF INGESTED. MAY CAUSE LUNG DAMAGE IF ASPIRATED. MAY CAUSE DIZZINESS. NAUSEA AND RESPIRATORY IRRITATION THROUGH INHALATION. CHRONIC: MAY DAMAGE LIVER, KIDNEYS, LUNGS, AND BLOOD FORMING ORGANS.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER FOR 15 MINUTES, SEEK MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR; GIVE OXYGEN IF NEEDED. INGESTION: DO NOT INDUCE VOMITING. GET PROMPT, QUALIFIED MEDICAL ATTENTION. KEEP SUBJECT WARM.

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===== Fire Fighting Measures =====  
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Flash Point Method:TCC

Flash Point:=-4.4C, 24.F

Lower Limits:1.7

Extinguishing Media:CLASS B, CO2, FOAM, DRY CHEMICAL \*\*\*WATER MAY BE INEFFECTIVE\*\*\*

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE-EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:CONTAINERS MAY EXPLODE IF EXPOSED TO HIGH HEAT. DECOMPOSITION PRODUCTS ARE TOXIC.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT. VENTILATE AREA. SOAK UP WITH NON-COMBUSTIBLE INERT ABSORBENCY (SAND,CLAY OR VERMICULITE), PLACE IN PROPER CONTAINER FOR DISPOSAL.

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

Handling and Storage Precautions:STROE BELOW 120 F IN A COOL DRY WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS, FLA

ME AND INCOMPATIBLE MATERIALS.

Other Precautions:GRROUND CONTAINERS WHEN TRANSFERRING LIQUID. DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES AND SKIN. USE WITH AADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:WHERE ADEQUATE VENTILATION IS LACKING USE SCBA OR NIOSH APPROVED RESPIRATORS FOR ORGANIC VAPORS.

Ventilation:LOCAL/GENERAL AS NEEDED TO MAINTAIN PEL/TLV.

Protective Gloves:IMPERVI

OUS

Eye Protection:CHEMICAL SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:PROTECTIVE CLOTHING AS NEEDED. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=51.7C, 125.F

Vapor Pres:>40

Vapor Density:3(AIR=1)

Spec Gravity:.839(WATER=1)

Evaporatio

n Rate & Reference:5.7 (N-BUTYL ACETATE=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:CLEAR LIQUID, KETONE ODOR

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS(PERMANGANATES, CHROMATES AND PEROXIDES)

Stability Condition to Avoid:HIGH HEAT, SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE

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===== MSDS Transport Informati

on =====

Transport Information:FLAMMABLE LIQUID, CLASS 3, UN1993, PG II.

===== Regulatory Information =====

State Regulatory Information:CALIFORNIA PROPOSITION 65 WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. CHEMICAL INGREDIENT(S) REQUIRING THIS WARNING: METHYL ETHYL KETONE. THIS RPRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. CHEMICAL INGREDIENTS(S) REQUIRING THIS WARNING: METHYL ETHYL KETONE.

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