

RESEARCH SOLVENTS & CHEMICALS, INC. -- THINNER, CELLULOSE ACETATE BUTYRATE DOPE --
8010-00-165-5592

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

Product ID:THINNER, CELLULOSE ACETATE BUTYRATE DOPE

MSDS Date:02/05/1991

FSC:8010

NIIN:00-165-5592

MSDS Number: BJZSG

=== Responsible Party ===

Company Name:RESEARCH SOLVENTS & CHEMICALS, INC.

Address:402 INDUSTRIAL PARK DRIVE

City:PELHAM

State:AL

ZIP:35124

Countr

y:US

Info Phone Num:205-663-6350

Emergency Phone Num:800-424-9300 CHEMTREC

Preparer's Name:SASSAN MORADIAN

CAGE:RESEA

=== Contractor Identification ===

Company Name:RESEARCH SOLVENTS & CHEMICALS, INC.

Address:402 INDUSTRIAL PARK DRIVE

City:PELHAM

State:AL

ZIP:35124

Country:US

Phone:205-663-6350

CAGE:RESEA

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

Ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 99%

Other REC Limits:NONE SPECIFIED

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SHA PEL:400 PPM
ACGIH TLV:400 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)
CAS:123-42-2
RTECS #:SA9100000
Other REC Limits:NONE SPECIFIED
OSHA PEL:50 PPM
ACGIH TLV:50 PPM; 9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (ME
K) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO
Effects of Overexposure:EYES:VAPORS IRRITATE EYES, NOSE & THROAT.
SKIN:MAY CAUSE IRRITATION, DEFATTING OF SKIN & DERMATITIS.
INHALATION:HIGH VAPOR CONCENTRATION MAY CAUSE HEADACHE,
DIZZINESS,
NAUSEA, FATIGUE, POSSIBLE UNCONSCIOUSNESS & EVEN ASPHYXIATION WITH
PROLONGED EXPOSURE. INGESTION IS UNLIKELY ROUTE OF EXPOSURE
Medical Cond Aggravated by Exposure:NO DATA

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

First Aid:EYES:FLUSH WITH CLEAR WATER FOR AT LEAST 15 MINUTES OR UNTIL
IRRITATION SUBSIDES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING & WASH SKIN THOROUGHLY WITH SOAP
& WATER. LAUNDRY CLO

THING BEFORE REUSE. INHALE:REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED APPLY ARTIFICIAL RESPIRATION, ADMINISTER OXYGEN. GET MEDICAL ATTENTION. INGESTION IS UNLIKELY ROUTE OF EXPOSURE.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:30 F/-1 C
Lower Limits:1.86
Upper Limits:10.33
Extinguishing Media:WATER SPRAY, CO2, FOAM, DRY CHEMICAL
Fire Fighting Procedures:HANDLE AS A FLAMMABLE LIQUID
Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures
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Spill Release Procedures:SHUT OFF & ELIMINATE ALL IGNITION SOURCES. KEEP PEOPLE AWAY. RECOVER FREE PRODUCT BY MOPPING OR WITH ABSORBENT MATERIAL & PLACE IN CLOSED CONTAINERS FOR DISPOSAL. AVOID CONTAMINATION OF GROUND & SURFACE WATERS.

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Handling and Storage
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Handling and Storage Precautions:STORE CONTAINERS IN A COOL DRY AREA. DO NOT STORE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDENTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.
Other Precautions:USE ONLY W/ADEQUATE VENT. WARNING! DO NOT CUT, WELD OR RE-USE ANY CONTAINER FOR ANY REASON WHATSOEVER. CONTAINER USED TO TRANSPORT FLAMMABLE/COMBUSTIBLE PRODUCT MAY CONTAIN PRODUCT RESIDUES WHICH COULD PRESENT FIRE, EXPLOSION, HEALTH HAZARD

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Exposure Controls/Personal Protection
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Respiratory Protection:USE SELF CONTAINED BREATHING APPARATUS ABOVE THE TLV LIMITS
Ventilation:LOCAL EXHAUST IS ADEQUATE
Protective Gloves:RUBBER OR PVA GLOVES SHOULD BE WORN
Eye Protection:CHEMICAL GOGGLES SHOULD BE WORN
Other Protective Equipment:EYE BATH & SAFETY SHOWER
Supplemental Safety and Health
ADVISE EMPLOYEES &/OR CUSTOMERS OF POTENTIAL HAZARD OF EMPTY CONTAINERS.

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Physical/Chemical Properties
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HCC:F2
Boiling Pt:B.P. Text:171F,77C
Vapor Pres:57 @ 68F
Vapor Density:3.1
Spec Gravity:.8488
Evaporation Rate & Reference:3.9 (N-BU AC

=1)
Solubility in Water:COMPLETELY
Appearance and Odor:CLEAR, YELLOW LIQUID, WITH A MILD ODOR
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALIES
Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAME & FIRE
Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YIELD CARBON
MONOXIDE & OTHER TOXIC GASES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE &
FEDERAL REGULATION. DO NOT REUSE EMPTY CONTAINERS.

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