

CONE SOLVENTS -- CS-156 BLEND -- 6850-01-016-3482

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

Product ID:CS-156 BLEND

MSDS Date:09/09/1992

FSC:6850

NIIN:01-016-3482

MSDS Number: BGDQG

=== Responsible Party ===

Company Name:CONE SOLVENTS

Address:9 N BLACKWELDER

City:OKLAHOMA CITY

State:OK

ZIP:73106

Country:US

Info Phone Num:405-232-4401

Emergency Phone Num:405-232-4401/800-424-9300(CHEMTREC)

CAGE:LO539

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Contractor Identification ===

Company Name:CONE SOLVENTS

Address:9 BLACKWELDER AVE N

Box:City:OKLAHOMA CITY

State:OK

ZIP:73106

Country:US

CAGE:LO539

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Box:City:OKLAHOMA CITY

State:OK

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Country:US

Phone:405-232-4401

CAGE:3Z086

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

Ingred Name:NAPHTHA, LIGHT ALIPHATIC

CAS:64742-89-8

OSHA PEL:400 PPM (PET. DIST)

ACGIH TLV:300 PPM (VM & P)

Ingred Name:ETHYL ACETATE (

SARA III)
CAS:141-78-6
RTECS #:AH5425000
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 19%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 21%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Q
ty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE AND SKIN IRRITATION,
CENTRAL NERVOUS SYSTEM EFFECTS. ASPIRATION AFTER INGESTION CAN
CAUSE LUNG INJURY. CHRONIC: MAY CAUSE DAMAG

E TO KIDNEYS, BLOOD,
NERVES, LIVER AND LUNGS.

Explanation of Carcinogenicity:STUDIES WITH LABORATORY ANIMALS INDICATE
THIS PRODUCT CAN CAUSE DAMAGE TO FETUS.

Effects of Overexposure:EYES: IRRITATION, REDNESS, TEARING, BLURRED
VISION. SKIN: IRRITATION, DEFATTING, DERMATITIS. INHALATION: UPPER
RESPIRATORY TRACT IRRITATION, ANESTHETIC EFFECTS, SERIOUS NERVOUS
SYSTEM DEPRESSION. INGESTION: ABDOMINAL IRRITATION, NAUSEA,
VOMITING, DIARRHEA.

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

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

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN: WASH
WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.
INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED.
INGESTION: DO NOT INDUCE VOMITING. FOR ALL EXPOSURES GET IMMEDIATE
MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:18.0F,-7.8C

Lower Limits:1.8

Extinguishing Media:CARBON DIOXIDE OR FOAM.

Fire Fighting Procedures:USE PROTECTIVE CLOTHING AND EQUIPMENT, AND
SELF-CONTAINED BREATHING APPARATUS. WATER SPRAY MAY BE INEFFECTIVE
BUT CAN PROTECT FIREFIGHTERS AND COOL CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR. CAN TRAVEL ALONG
GROUND AND FLASHBACK. CLOSED CONTAINERS MAY EXPLODE IF EXPOS
ED TO
EXTREME HEAT.

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

Spill Release Procedures:VENTILATE AREA. USE APPROPRIATE PROTECTIVE
CLOTHING AND EQUIPMENT. ABSORB IN INERT MATERIAL, AND PLACE IN
APPROPRIATE DISPOSAL CONTAINER AND SEAL. FLUSH AREA WITH PLENTY OF
WATER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, LOW FIRE RISK
AREA. KEEP AWAY FROM OXIDIZERS, HEAT AND IGNITION

SOURCES. USE WITH
ADEQUATE VENTILATION.

Other Precautions:AVOID BREATHING OF VAPORS. AVOID CONTACT WITH EYES OR
SKIN. AVOID FREE FALL OF LIQUID. GROUND CONTAINERS WHEN
TRANSFERRING. DO NOT STORE ABOVE 120F. STORE LARGE AMOUNTS IN
STRUCTURES MADE FOR OSHA CLA SS I B LIQUIDS. KEEP CONTAINERS
CLOSED.

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

Respiratory Protection:IF TLV IS EXCEEDED, USE NIOSH-APPROVED
RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR SC
BA AS APPROPRIATE FOR
EXPOSURE OF CONCERN.

Ventilation:LOCAL EXHAUST PREFERRED. MECHANICAL (GENERAL), ACCEPTABLE.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:USE APRON AND FOOTWEAR IMPERVIOUS TO THIS
MATERIAL.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDING. LAUNDER
CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES.

Supplemental Safety and Health
NONE.

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===== Physical/Chemical Properties =====
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HCC:F2

Boiling Pt:B.P. Text:161-252F

Vapor Pres:47 @ 68F

Vapor Density:3.0

Spec Gravity:0.812

Evaporation Rate & Reference:3.8(ETHER=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:CLEAR, WATER-WHITE LIQUID, KETONE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS SUCH AS PERMANGANATES, CHROMATES AND PEROXIDES.

Stability Condition to Avoid:HEAT, SPARKS, ELECTRICAL

EQUIPMENT, OPEN
FLAMES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND
LOCAL REGULATIONS.

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