

ALDRICH CHEMICAL COMPANY -- 3-HYDROXY-2-BUTANONE-(ACETOIN) -- 6810-00F009740

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Product Identification
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Product ID:3-HYDROXY-2-BUTANONE-(ACETOIN)
MSDS Date:09/16/1987
FSC:6810
NIIN:00F009740
MSDS Number: BHLMX
=== Responsible Party ===
Company Name:ALDRICH CHEMICAL COMPANY
Box:355
City:MILWAUKEE
State:WI
ZIP:53201
Info Phone Num:(414) 273-3850
Emergency Phone Num:(414) 273-3850
Preparer's Name:CRAIG SHIMASAKI
CAGE:60928

==== Contractor Identification ===
Company Name:ALDRICH CHEMICAL CO INC
Address:1001 WEST ST PAUL AVE
Box:355
City:MILWAUKEE
State:WI
ZIP:53233
Country:US
Phone:414-273-3850
CAGE:60928

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Composition/Information on Ingredients
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Ingred Name:3-HYDROXY-2-BUTANONE
CAS:513-86-0
RTECS #:EL8790000

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: HARMFUL. IRRITATION TO
MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT. SKIN/EYES: HARMFUL IF
ABSORBED & IRRITATION. INGESTION: HARMFUL.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: IRRITATION TO MUCOUS MEMBRANES &
UPPER RESPIRATORY TRACT. SKIN/EYES: IRRITATION. INGESTION: HARMFUL.

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First Aid Measures
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First Aid:EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT LEAST 15
MINUTES. SKIN: WASH W/SOAP & COPIOUS AMOUNTS OF WATER. WASH
CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: REMOVE TO FRESH
AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS
DIFFICULT, GIVE OXYGEN. CALL PHYSICIAN.

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Fire Fighting Measures
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Flash Point:123F
Extinguishing Media:CO2, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM,
WATER SPRAY.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN & EYES.
Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID. EMITS TOXIC FUMES
UNDER FIRE CONDITIONS. VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO
SOURCE OF IGNITION & FLASH BACK.

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Accidental Release Measures
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Spill Release Procedures:EVACUATE AREA. WEAR SELF-CONTAINED BREATHING
APPARATUS, RUBBER BOOTS & HEAVY RUBBER GLOVES. COVER W/DRY LIME OR
SODA ASH & PICK UP. KEEP IN A CLOSED CONTAINER & HOLD FOR WASTE
DISPOSAL.
Neutralizing Agent:DRY LIME & SODA ASH

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

Handling and Storage Precautions:AVOID BREATHING VAPOR, CONTACT
W/EYES/SKIN & CLOTHING. WASH THOROUGHLY AFTER HANDLING. KEEP
TIGHTLY CLOSED.
Other Precautions:KEEP AWAY FROM HEAT & OPEN FLAME. PROTECT FROM LIGHT.
STORE IN A COOL DRY PLACE.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation:MECHANICAL EXHAUST: REQUIRED
Protective Gloves:CHEMICAL-RESISTANT
Eye Protection:CHEMICAL SAFETY GOGGLES
Other Protective Equipment:SAFETY SHOWER & EYE BATH.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. WASH
CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

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

Melt/Freeze Pt:M.P/F.P Text:90-91C
Appearance and Odor:LIQUID

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS & BASES,
Stability Condition to Avoid:IGNITION SOURCES, HEAT & OPEN FLAMES.
Hazardous Decomposition Products:CO, CO2, TOXIC FUMES

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

Waste Disposal Methods:THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A
CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER. OBSERVE
ALL FEDERAL, STATE, & LOCAL LAWS.

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