

SHELL OIL COMPANY -- ACETONE ;SHELL CODE:31125 -- 6810-00-223-2739

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Product Identification  
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Product ID:ACETONE ;SHELL CODE:31125  
MSDS Date:01/01/1987  
FSC:6810  
NIIN:00-223-2739  
MSDS Number: BDKFV  
=== Responsible Party ===  
Company Name:SHELL OIL COMPANY  
Address:HEALTH, SAFETY AND ENVIRONMENT  
Box:4320  
City:HOUSTON  
State:TX  
ZIP:77210  
Country:US  
Info Phone Num:713-241-4819  
Emergency Phone Nu  
m:713-473-9461  
CAGE:54527  
=== Contractor Identification ===  
Company Name:SHELL OIL COMPANY  
Box:2463  
City:HOUSTON  
State:TX  
ZIP:77210  
Country:US  
Phone:800-231-6950  
CAGE:54527

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Composition/Information on Ingredients  
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Ingred Name:ACETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 100%  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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Hazards Identification  
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Effects of O

verexposure:EYE:MOD IRRIT.POSSBLY SOME/TRANSNT CORNEAL  
INJURY;SKIN:DEFATTING W/LONGER CONTCT;INH:NORCOSIS,IRRIT.

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

First Aid:SKIN:WASH W.SOAP & H\*2O EYES:FLUSH W. H\*2O. INGESTED:GIVE 2  
GLASSES H\*2O; INDUCE VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO  
FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE  
CONTAMINATED CLOTHING. IF UNCONS DO NOT TAKE ANYTHINGBY MOUTH.

===== Fire Fighting M  
easures =====

Flash Point:-15F/-26C )TCC)  
Autoignition Temp:Autoignition Temp Text:869F  
Lower Limits:2.6  
Upper Limits:12.8  
Extinguishing Media:CO\*2, FOAM, DRY CHEM.  
Fire Fighting Procedures:WEAR CHEM PROT. SUIT WITH SCBA. COOL CONTRS  
WITH H\*2O.  
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE CONTAINER MAY  
EXPLODE.VAPOR IS EXPLOS HAZARD.VAPOR MAY SPREAD AWAY FROM SPILL.

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

Spill Release Procedures:USE A  
PPROPRIATE SAFETY EQUIP.ELIM IGN  
SOURCES.EVAC UNPROTCTD PERSONS;SM SPILL:ALLOW TO EVAPRATE SAFELY OR  
SOAK UP W/ABSORBENT MATL & SCOOP INTO DRUMS;LG SPILL:DIKE & PUMP  
INTO DRUMS USING NON-SPARK PR ODUcing PUMP.PREVENT FROM ENTERING  
SEWER/DRAIN.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENT,LOW FIRE  
RISK AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT.  
KEEP CONTAINERS TIGHTLY  
CLOSED.  
Other Precautions:AVOID EYE/SKIN CONTACT.AVOID BREATHG VAP;USE  
SPARK-RESISTANT TOOLS;TREAT EMPTY CONTAINER AS HAZ MATL;NEVER USE  
WELDNG TOOL/ARC NEAR EMPTY/FULL CONTNR OF ACETONE.

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

Respiratory Protection:NIOSH APPRVD RESP;FOR EMERGENCY:SCBA OR A  
FULL-FACE RESP IAW NIOSH.  
Ventilation:RECOMMEND CONTROL OF VAPORS TO SUGGESTED GUIDE.  
Protective Gloves:IMPERVIOUS  
Eye Protection:SAFETY GLASSES W/O SHIELD  
Other Prot

ective Equipment:WEAR IMPERVIOUS CLOTHING/BOOTS.

Supplemental Safety and Health

MSDS DATED:01/29/81;EFFECTS OF OVEREXP:PROLONGED EXPOSURE TO VAPORS CAN CAUSE IRRIT.OF EYES,NOSE & THROAT,HEADACHE,DIZZINESS,NAUSEA & UNCONSCIOUSNESS

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

HCC:F2

Boiling Pt:=56.1C, 133.F

Vapor Pres:181

Vapor Density:2.0

Spec Gravity:0.8

Evaporation Rate & Reference:5.6 (BUT.ACET=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS,

MOBILE LIQUID;MILD ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

NITRIC PLUS ACETIC ACIDS & NITRIC PLUS SULFURIC ACIDS.

Stability Condition to Avoid:KEEP AWAY FROM FLAMES & SPARK PRODUCING EQUIPMENTS.

Hazardous Decomposition Products:CARBON DIOXIDE AND SOME CARBON MONOXIDE.

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

Waste Disposal Methods:SM SPILL: ALLOW VOL ATILE PORTION TO EVAPORATE IN

HOOD. DESTROY REMAINS BY BURNING IN IRON PAN. LG SPILL: DESTROY BY LIQUID INCINERATION W. OFF-GAS SCRUBBER. DEPOSIT CONTAMINATED ABSORBENT IN LANDFILL ACCORDING TO LOCAL,STATE & FED REGULATIONS.

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