

## **ACETONE**

### **MSDS Number**

BGPLZ

### **National Stock Number**

6850-01-163-0276

### **Product Name**

ACETONE

### **Manufacturer**

SHELL OIL COMPANY

### **Product Identification**

Product ID:ACETONE  
MSDS Date:01/01/1987  
FSC:6850  
NIIN:01-163-0276  
Kit Part:Y  
MSDS Number: BGPLZ

### **Responsible Party**

SHELL OIL COMPANY  
HEALTH, SAFETY AND ENVIRONMENT  
HOUSTON , TX 77210  
US  
Emergency Phone: 713-473-9461  
Info Phone: 713-241-4819  
Cage: 54527

### **Contractor**

SHELL OIL COMPANY  
2463  
HOUSTON, TX 77210  
US  
800-231-6950  
Cage: 54527

### **Ingredients**

ACETONE (SARA III)  
CAS: 67-64-1  
RTECS: AL3150000  
Fraction By Weight: 100%  
OSHA PEL1000PPM  
ACGIH TLV: 750PPM/1000STEL;9293  
EPA Report Quantity: 5000 LBS  
DOT Report Quantity: 5000 LBS

### **Hazards**

Effects of  
Overexposure:EYE/SKIN:IRR;INH:IRR.NOSE,THROAT,HEADACHE,DIZZINESS,NA  
USEA,UNCONSCIOUSNESS.VAPORS DEADEN SENSE SMELL

## First Aid

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH W/SOAP&WATER. RMV CONTAM CLTHG&SHOES. INGEST:INDUCE VOMIT. RPT UNTIL VOMIT IS C LEAR. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:=-26.1C, -15.F  
Lower Limits:2.6  
Upper Limits:12.8  
Extinguishing Media:CO\*2, FOAM, DRY CHEM & H\*2O FOG.  
Fire Fighting Procedures:USE SCBA & PROTECT.EQUIPM.IN CONFINED FIRE SPACES.  
Unusual Fire/Explosion Hazard:TREAT AS AN EXTREMELY FLAMMABLE LIQUID.

## Accidental Release

Spill Release Procedures:ELIM.ALL SOURCES OF IGN.IMM.&EVAC.AREA.BE PREPARED FOR FIRE.NEAR APPROPRIATE PROTECT.CLOTHNG & RESP.PROTECT.EQUIP.SHUT OFF LEAK.VENTIL.AREA.DIKE&PUMP LG.SPILLS INTO SALVAGE CONT.ABSORB SMALL SPILLS.SC OOP UP ALL CONTAM.SOIL&STORE IN SALVAGECONT.

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY WELL VENTED LOW FIRE RISK AREA. PROTECT FROM HEAT,SHOCK,FRICITION. KEEP CONTAINERS CLOSED.  
Other Precautions:ACETONE IS A VERY VOLATILE,EXTREMELY FLAMM LIQ.KEEP AWAY FROM ANY SOURCES OF IGN.GROUND ALL CONT.WHEN POURING OR TRANSFERRING.DO NOT EAT,SMOKE NEAR PRODUCTS.WASH W/SOAP&WTR BEFORE EAT,SMOKE.

## Exposure Controls

Respiratory Protection:USE NIOSH APPVD RESP. PROTEC.EQUIPM AS REQD TO PREVENT OVEREXPSRE.  
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.  
Protective Gloves:IMPERVIOUS  
Eye Protection:GOGGLES  
Other Protective Equipment:AS REQUIRED TO PREVENT PROLONGED CONTACT.  
Supplemental Safety and Health  
MSDS DATED 0-29-81

## 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  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS MOBILE LIQUID.MILD ODOR  
Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES  
REACTS WITH STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:KEEP AWAY FROM HEAT,SPARKS,FLAME.NO SMOKING  
Hazardous Decomposition Products:INCOMPLETELY BURNED CARBON PRODUCTS, CO\*2, CO.

## Disposal

Waste Disposal Methods:DO NOT ALLOW PROD TO ENTER SEWERS,WATERWAYS.NOTIFY AUTHORITIES IF THIS HAPPENS OR IS THREATENED.

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