

ACETONE

MSDS Number

BHCKK

National Stock Number

6810-01-003-0262

Product Name

ACETONE

Manufacturer

ASHLAND CHEMICAL COMPANY

Product Identification

Product ID:ACETONE

MSDS Date:05/31/1989

FSC:6810

NIIN:01-003-0262

MSDS Number: BHCKK

Responsible Party

ASHLAND CHEMICAL COMPANY

COLUMBUS , OH 43216

US

Emergency Phone: 606-324-1133

Info Phone: 614-889-3333

Cage: 5A188

Contractor

UNISOL CHEMICALS CORP

ASHEBORO, NC 27203-3282

US

919-672-1308

Cage: 3P400

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 9750 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:CAUSES

IRRITATION,REDNESS,TEARING; SKIN:CAN CAUSE SLIGHT IRRITATION;

INHALE:EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND

RESPIRATORY IRRITATION,CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING

DIZZ INESS,WEAKNESS,FATIGUE,NAUSEA,ETC.; INGEST:CAUSES

GASTROINTESTINAL IRRITATION,NAUSEA,VOMITING & DIARRHEA.
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of Overexposure:SKIN:REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND WATER.GET MEDICAL HELP IF IRRITATION PERSISTS;
INHALATION:REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY.GET MEDICAL HELP; EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN.CALL A PHYSICIAN; INGESTION:IMMEDIATELY CALL A PHYSICIAN.NO VOM
Medical Cond Aggravated by Exposure:NONE STATED

First Aid

First Aid:SKIN:WASH EXPOSED AREA WITH SOAP & WATER, REMOVE CONTAMINATED CLOTHING,LAUNDRER BEFORE REUSE; EYE:FLUSH WITH LARGE AMOUNTS OF WATER,LIFTING UPPER AND LOWER LIDS OCCATIONALLY,GET MEDICAL ATTENTION; INGESTION:DRINK TWO GLASSES OF WATER & INDUCE VOMITING BY GIVING IPECAC SYRUP OR PLACING FINGER AT BACK OF THROAT,GIVE NOTHING TO UNCONSCIOUS PERSON; INHALE:REMOVE TO FRESH AIR,USE OXYGEN IF NEEDED.

Fire Fighting

Flash Point Method:TCC
Flash Point:0F/-17.8C
Lower Limits:2.6
Upper Limits:12.8
Extinguishing Media:ALCOHOL FOAM OR CARBON DIOXIDE OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.
Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM BECAUSE PRODUCT CAN IGNITE EXPLOSIVELY.

Accidental Release

Spill Release Procedures:ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.
Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES.
Other Precautions:PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Exposure Controls

Respiratory Protection:IF TLV IS EXCEEDED, USE A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED; OSHA REGULATION ALSO PERMIT OTHER NIOSH/ MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS.
Ventilation:PROVIDE SUFFICIENT MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:RUBBER,NEOPRENE,NITRILE RUBBER.
Eye Protection:CHEMICAL SPLASH GOGGLES.
Other Protective Equipment:IMPERVIOUS CLOTHING AND BOOTS.
Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICES.WASH HANDS AFTER EACH USE OF PRODUCT.DO NOT EAT/DRINK/SMOKE IN WORK AREA.SHOWER AFTER
Supplemental Safety and Health
NONE

Chemical Properties

HCC:F2
Boiling Pt:B.P. Text:133F/56.1C
Vapor Pres:181
Spec Gravity:0.788
pH:7
Evaporation Rate & Reference:14.4 (BUTYL ACETATE =1)
Appearance and Odor:LIQUID, SOLVENT ODOR.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS,STRONG ALKALIE STRONG MINERAL ACIDS.

Stability Condition to Avoid:NONE STATED

Hazardous Decomposition Products:CARBON DIOXIDE AND/OR CARBON MONOXIDE.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGUALTIONS.

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