

ACETONE, AMSCO SOLV 5450; PRODUCT CODE NO:1

MSDS Number

BHCGR

National Stock Number

6810-01-003-0262

Product Name

ACETONE, AMSCO SOLV 5450; PRODUCT CODE NO:1

Manufacturer

UNOCAL CHEMICALS DIV

Product Identification

Product ID:ACETONE, AMSCO SOLV 5450; PRODUCT CODE NO:1

MSDS Date:03/21/1989

FSC:6810

NIIN:01-003-0262

MSDS Number: BHCGR

Responsible Party

UNOCAL CHEMICALS DIV,

1345 N. MEACHAM

SCHAUMBURG , IL 60196

US

Emergency Phone: 800-356-3129(L.A. POISON CONTROL)

Info Phone: 312-619-2644

Cage: 94684

Contractor

UNOCAL CHEMICALS DIV.,UNION OIL OF CALIFORNIA

SCHAUMBURG, IL 60196

US

312-490-2500/800-424-9300(CHEMTREC)

Cage: 94684

Ingredients

ACETONE (SARA III)

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 99-100%

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:THIS MATERIAL IS A SEVERE EYE

IRRITANT. THIS MATERIAL MAY CAUSE SKIN IRRITATION. BREATHING HIGH
CONCENTRATIONS OF VAPOR/ MIST MAY CAUSE IRRITATION OF THE NOSE &

THROAT. INGESTION OF EXCESSIVE QUANTITIES MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.

Explanation of Carcinogenicity: THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC OR OSHA.

Effects of Overexposure: EYE-STINGING, TEARING, REDNESS, SWELLING & EYE DAMAGE. SKIN-REDNESS, BURNING & CRACKING OF THE SKIN. INHALATION-HEADACHE, DROWSINESS, DIZZINESS, LOSS OF COORDINATION & FATIGUE, NAUSEA & VOMITING. INGESTION-HEADACHE, DROWSINESS, DIZZINESS, LOSS OF COORDINATION AND FATIGUE.

Medical Condition Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS AND PRE-EXISTING LUNG DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL OR AGGRAVATED BY THE EXPOSURE TO THIS MATERIAL.

First Aid

First Aid: EYES: MOVE FROM EXPOSURE & INTO FRESH AIR. IF IRRITATED, FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND WATER. SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: NO FIRST AID IS NORMALLY REQUIRED, HOWEVER, IF SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION.

Fire Fighting

Flash Point Method: TCC

Flash Point: -4F, -20C

Lower Limits: 2.8

Upper Limits: 13.2

Extinguishing Media: EXTINGUISH WITH DRY CHEMICAL, CARBON DIOXIDE, OR A UNIVERSAL TYPE FOAM.

Fire Fighting Procedures: THE USE OF A SCBA IS RECOMMENDED FOR FIRE FIGHTERS. WATER SPRAY MAY BE USEFUL IN MINIMIZING VAPORS/COOLING CONTAINERS EXPOSED TO HEAT/FLAME. DO NOT SPREAD LIQUID

Unusual Fire/Explosion Hazard: FLASHBACK ALONG VAPOR TRAIL MAY OCCUR. THIS MATERIAL IS EXTREMELY FLAMMABLE & MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY. CONTAINER MAY EXPLODE

Accidental Release

Spill Release Procedures: STAY UPWIND & AWAY FROM SPILL. KEEP IGNITION SOURCES AWAY FROM SPILL. IF SPILL IS INDOORS, VENTILATE AREA OF SPILL. A UNIVERSAL TYPE FOAM MAY BE USED TO SUPPRESS VAPORS. KEEP OUT OF DRAINS, SEWERS OR WATERCOURSES. USE SAND TO DAM & CONTAIN SPILL.

Handling

Handling and Storage Precautions: KEEP CONTAINERS COOL, DRY & AWAY FROM SOURCES OF IGNITION. USE & STORE THIS PRODUCT WITH ADEQUATE VENTILATION. KEEP WORK AREA FREE OF HOT SURFACES.

Other Precautions: "EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURE CUT, WELD, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER IGNITION SOURCES ; THEY MAY EXPLODE & CAUSE INJURY/DEATH.

Exposure Controls

Respiratory Protection: THE USE OF RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS. DEPENDING ON THE AIRBORNE CONCENTRATIONS USE A RESPIRATOR OR GAS MASK WITH APPROPRIATE CARTRIDGE & CANISTER OR SUPPLIED AIR EQUIPMENT.

Ventilation: SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves: IMPERMEABLE GLOVES.

Eye Protection: APPROVED EYE PROTECTION.

Other Protective Equipment: A SOURCE OF CLEAN WATER BE AVAILABLE IN WORK AREA FOR FLUSHING EYE/SKIN. IMPERVIOUS CLOTHING SHOULD BE WORN AS NEEDED.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health

COMMENTS: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE (SOME TIMES REFERRED TO AS SOLVENT OR PAINTERS' SYNDROME) INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THIS PRODUCT MAY BE HARMFUL OR FATAL.

Chemical Properties

HCC:F2

Boiling Pt:B.P. Text:133F,56C

Vapor Pres:186 MMHG

Vapor Density:2 AIR=1

Spec Gravity:0.791

Evaporation Rate & Reference:7.70 (N-BUTYL ACETATE=1)

Solubility in Water:100%

Appearance and Odor:CLEAR, LITTLE IF ANY COLOR. CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

THIS PRODUCT IS INCOMPATIBLE WITH STRONG ACIDS OR BASES AND OXIDEZERS.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES, STATIC

ELECTRICITY, ETC.

Hazardous Decomposition Products:DECOMPOSITION MAY YIELD CARBON MONOXIDE AND/ OR CARBON DIOXIDE.

Disposal

Waste Disposal Methods:DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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