

SAFETY DATA SHEET

***Chem-Impex International Inc.***

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**SECTION 1. CHEMICAL IDENTIFICATION**

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CATALOG #:	30101
NAME:	Acetone
SYNONYMS:	2-Propanone Dimethyl ketone
24 HOUR EMERGENCY TELEPHONE:	(800) 535-5053(USA) 352-323-3500 (INTERNATIONAL)
TO REQUEST AN MSDS:	(800) 869-9290
CUSTOMER SERVICE:	(630) 766-2112

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**SECTION 2. HAZARDS IDENTIFICATION**

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**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS)**  
FLAMMABLE LIQUIDS (CATEGORY 2), H225  
EYE IRRITATION (CATEGORY 2A), H319

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (CATEGORY 3), CENTRAL NERVOUS SYSTEM, H336

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

**GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS PICTOGRAM**



SIGNAL WORD DANGER

**HAZARD STATEMENT(S)**

H225 HIGHLY FLAMMABLE LIQUID AND VAPOUR.  
H319 CAUSES SERIOUS EYE IRRITATION.  
H336 MAY CAUSE DROWSINESS OR DIZZINESS.

**PRECAUTIONARY STATEMENT(S)**

P210 KEEP AWAY FROM HEAT/ SPARKS/ OPEN FLAMES/ HOT SURFACES. NO SMOKING.  
P233 KEEP CONTAINER TIGHTLY CLOSED.  
P240 GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT.  
P241 USE EXPLOSION-PROOF ELECTRICAL/ VENTILATING/ LIGHTING/ EQUIPMENT.  
P242 USE ONLY NON-SPARKING TOOLS.  
P243 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.  
P261 AVOID BREATHING MIST OR VAPORS.  
P264 WASH SKIN THOROUGHLY AFTER HANDLING.  
P271 USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.  
P280 WEAR PROTECTIVE GLOVES/ EYE PROTECTION/ FACE PROTECTION.  
P303 + P361 + P353 IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.  
P304 + P340 + P312 IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. CALL A POISON CENTER OR DOCTOR/ PHYSICIAN IF YOU FEEL UNWELL.  
P305 + P351 + P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.  
P337 + P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ ATTENTION.  
P370 + P378 IN CASE OF FIRE: USE DRY SAND, DRY CHEMICAL OR ALCOHOL-RESISTANT FOAM TO EXTINGUISH.  
P403 + P233 STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.  
P403 + P235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL.  
P405 STORE LOCKED UP.  
P501 DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT.

**HAZARDS NOT OTHERWISE**

REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.

**CLASSIFIED (HNOC)  
OR NOT COVERED  
BY GHS**

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

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MF: C<sub>3</sub>H<sub>6</sub>O  
MW: 58.08  
CAS-NO. 67-64-1  
PURITY: ≥ 99.5% (GC)

**HAZARDOUS COMPONENTS**

COMPONENT	CLASSIFICATION	CONCENTRATION
ACETONE	FLAM. LIQ. 2; EYE IRRIT. 2A; STOT SE 3; H225, H319, H336 CONCENTRATION LIMITS: >= 20 %: STOT SE 3, H336;	<= 100 %

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

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**SECTION 4. FIRST-AID MEASURES**

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**DESCRIPTION OF FIRST AID MEASURES**

**GENERAL ADVICE** CONSULT A PHYSICIAN. SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.MOVE OUT OF DANGEROUS AREA.

**IF INHALED** IF BREATHED IN, MOVE PERSON INTO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN.

**IN CASE OF SKIN CONTACT** TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/ SHOWER.

**IN CASE OF EYE CONTACT** RINSE OUT WITH PLENTY OF WATER. CALL IN OPHTHALMOLOGIST. REMOVE CONTACT LENSES.

**IF SWALLOWED** IMMEDIATELY MAKE VICTIM DRINK WATER (TWO GLASSES AT MOST). CONSULT A PHYSICIAN.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

THE MOST IMPORTANT KNOWN SYMPTOMS AND EFFECTS ARE DESCRIBED IN THE LABELLING (SEE SECTION 2.2) AND/OR IN SECTION 11

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

NO DATA AVAILABLE

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## **SECTION 5. FIRE AND EXPLOSION DATA**

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### **EXTINGUISHING MEDIA**

**SUITABLE EXTINGUISHING MEDIA**

SUITABLE EXTINGUISHING MEDIA  
CARBON DIOXIDE (CO<sub>2</sub>) FOAM DRY POWDER

UNSUITABLE EXTINGUISHING MEDIA  
FOR THIS SUBSTANCE/MIXTURE NO LIMITATIONS OF EXTINGUISHING AGENTS ARE GIVEN.

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

CARBON OXIDES  
COMBUSTIBLE.  
PAY ATTENTION TO FLASHBACK.  
VAPORS ARE HEAVIER THAN AIR AND MAY SPREAD ALONG FLOORS.  
DEVELOPMENT OF HAZARDOUS COMBUSTION GASES OR VAPOURS POSSIBLE IN THE EVENT OF FIRE.  
FORMS EXPLOSIVE MIXTURES WITH AIR AT AMBIENT TEMPERATURES.

**ADVICE FOR FIREFIGHTERS**

IN THE EVENT OF FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS.

**FURTHER INFORMATION**

REMOVE CONTAINER FROM DANGER ZONE AND COOL WITH WATER. PREVENT FIRE EXTINGUISHING WATER FROM CONTAMINATING SURFACE WATER OR THE GROUND WATER SYSTEM.

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## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND**

ADVICE FOR NON-EMERGENCY PERSONNEL: DO NOT BREATHE VAPORS, AEROSOLS. AVOID SUBSTANCE CONTACT. ENSURE ADEQUATE VENTILATION. KEEP AWAY FROM HEAT AND SOURCES OF IGNITION.

<b>EMERGENCY PROCEDURES</b>	EVACUATE THE DANGER AREA, OBSERVE EMERGENCY PROCEDURES, CONSULT AN EXPERT. FOR PERSONAL PROTECTION SEE SECTION 8.
<b>ENVIRONMENTAL PRECAUTIONS</b>	DO NOT LET PRODUCT ENTER DRAINS. RISK OF EXPLOSION.
<b>METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP</b>	COVER DRAINS. COLLECT, BIND, AND PUMP OFF SPILLS. OBSERVE POSSIBLE MATERIAL RESTRICTIONS (SEE SECTIONS 7 AND 10). TAKE UP WITH LIQUID-ABSORBENT MATERIAL. DISPOSE OF PROPERLY. CLEAN UP AFFECTED AREA.
<b>REFERENCE TO OTHER SECTIONS</b>	FOR DISPOSAL SEE SECTION 13.

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## SECTION 7. HANDLING AND STORAGE

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<b>PRECAUTIONS FOR SAFE HANDLING</b>	WORK UNDER HOOD. DO NOT INHALE SUBSTANCE/MIXTURE. AVOID GENERATION OF VAPOURS/AEROSOLS. KEEP AWAY FROM OPEN FLAMES, HOT SURFACES AND SOURCES OF IGNITION. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE. CHANGE CONTAMINATED CLOTHING. PREVENTIVE SKIN PROTECTION RECOMMENDED. WASH HANDS AFTER WORKING WITH SUBSTANCE. FOR PRECAUTIONS SEE SECTION 2.2.
<b>CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES</b>	KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT AND SOURCES OF IGNITION.  Store at RT
<b>SPECIFIC END USE(S)</b>	APART FROM THE USES MENTIONED IN SECTION 1.2 NO OTHER SPECIFIC USES ARE STIPULATED

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### CONTROL PARAMETERS

#### COMPONENTS WITH WORKPLACE CONTROL PARAMETERS

COMPONENT	CAS-NO.	VALUE	CONTROL PARAMETERS	BASIS

ACETONE	67-64-1	TWA	250 PPM	USA. ACGIH THRESHOLD LIMIT VALUES (TLV)
	REMARKS	NOT CLASSIFIABLE AS A HUMAN CARCINOGEN		
		STEL	500 PPM	USA. ACGIH THRESHOLD LIMIT VALUES (TLV)
		NOT CLASSIFIABLE AS A HUMAN CARCINOGEN		
		TWA	250 PPM 590 MG/M3	USA. NIOSH RECOMMENDED EXPOSURE LIMITS
		TWA	1,000 PPM 2,400 MG/M3	USA. OCCUPATIONAL EXPOSURE LIMITS (OSHA) - TABLE Z-1 LIMITS FOR AIR CONTAMINANTS
		C	3,000 PPM	CALIFORNIA PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS
		PEL	500 PPM 1,200 MG/M3	CALIFORNIA PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS
		STEL	750 PPM 1,780 MG/M3	CALIFORNIA PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS

#### BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS

COMPONENT	CAS-NO.	PARAMETERS	VALUE	BIOLOGICAL SPECIMEN	BASIS
ACETONE	67-64-1	ACETONE	25 MG/L	URINE	ACGIH - BIOLOGICAL EXPOSURE INDICES (BEI)
	REMARKS	END OF SHIFT (AS SOON AS POSSIBLE AFTER EXPOSURE CEASES)			

#### DERIVED NO EFFECT LEVEL (DNEL)

APPLICATION AREA	EXPOSURE ROUTES	HEALTH EFFECT	VALUE
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WORKERS	SKIN CONTACT	LONG-TERM SYSTEMIC EFFECTS	186MG/KG BW/D
CONSUMERS	INGESTION	LONG-TERM SYSTEMIC EFFECTS	62MG/KG BW/D
CONSUMERS	SKIN CONTACT	LONG-TERM SYSTEMIC EFFECTS	62MG/KG BW/D
WORKERS	INHALATION	ACUTE SYSTEMIC EFFECTS	2420 MG/M3
WORKERS	INHALATION	LONG-TERM SYSTEMIC EFFECTS	1210 MG/M3
CONSUMERS	INHALATION	LONG-TERM SYSTEMIC EFFECTS	200 MG/M3

**PREDICTED NO EFFECT CONCENTRATION (PNEC)**

COMPARTMENT	VALUE
SOIL	33.3 MG/KG
SEA WATER	1.06 MG/L
FRESH WATER	10.6 MG/L
SEA SEDIMENT	3.04 MG/KG
FRESH WATER SEDIMENT	30.4 MG/KG
ONSITE SEWAGE TREATMENT PLANT	100 MG/L

**EXPOSURE CONTROLS**

**APPROPRIATE ENGINEERING CONTROLS** CHANGE CONTAMINATED CLOTHING. PREVENTIVE SKIN PROTECTION RECOMMENDED. WASH HANDS AFTER WORKING WITH SUBSTANCE.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYE/FACE PROTECTION** USE EQUIPMENT FOR EYE PROTECTION TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR EN 166(EU). SAFETY GLASSES

**SKIN PROTECTION**

THIS RECOMMENDATION APPLIES ONLY TO THE PRODUCT STATED IN THE SAFETY DATA SHEET, SUPPLIED BY US AND FOR THE DESIGNATED USE. WHEN DISSOLVING IN OR MIXING WITH OTHER SUBSTANCES AND UNDER CONDITIONS DEVIATING FROM THOSE STATED IN EN374 PLEASE CONTACT THE SUPPLIER OF CE-APPROVED GLOVES.

## FULL CONTACT

MATERIAL: BUTYL-RUBBER  
MINIMUM LAYER THICKNESS: 0.7 MM  
BREAK THROUGH TIME: 480 MIN  
MATERIAL TESTED: BUTOJECT (KCL 898)

THIS RECOMMENDATION APPLIES ONLY TO THE PRODUCT STATED IN THE SAFETY DATA SHEET, SUPPLIED BY US AND FOR THE DESIGNATED USE. WHEN DISSOLVING IN OR MIXING WITH OTHER SUBSTANCES AND UNDER CONDITIONS DEVIATING FROM THOSE STATED IN EN374 PLEASE CONTACT THE SUPPLIER OF CE-APPROVED GLOVES.

## SPLASH CONTACT

MATERIAL: LATEX GLOVES  
MINIMUM LAYER THICKNESS: 0.6 MM  
BREAK THROUGH TIME: 10 MIN  
MATERIAL TESTED: LAPREN (KCL 706 / ALDRICH Z677558, SIZE M)

**BODY PROTECTION**

IMPERVIOUS CLOTHING, FLAME RETARDANT ANTISTATIC PROTECTIVE CLOTHING. THE TYPE OF PROTECTIVE EQUIPMENT MUST BE SELECTED ACCORDING TO THE CONCENTRATION AND AMOUNT OF THE DANGEROUS SUBSTANCE AT THE SPECIFIC WORKPLACE.

**RESPIRATORY PROTECTION**

WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE USE A FULL-FACE RESPIRATOR WITH MULTI-PURPOSE COMBINATION (US) OR TYPE AXBEK (EN 14387) RESPIRATOR CARTRIDGES AS A BACKUP TO ENGINEERING CONTROLS. IF THE RESPIRATOR IS THE SOLE MEANS OF PROTECTION, USE A FULL-FACE SUPPLIED AIR RESPIRATOR. USE RESPIRATORS

**CONTROL OF ENVIRONMENTAL EXPOSURE**

DO NOT LET PRODUCT ENTER DRAINS. RISK OF EXPLOSION.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**



APPEARANCE	Colorless and free from suspended matter or sediment
ODOUR	PUNGENT, WEAKLY AROMATIC
ODOUR THRESHOLD	0.1 PPM
PH	5 - 6 AT 395 G/L AT 20 C
MELTING POINT/FREEZING POINT	
INITIAL BOILING POINT AND BOILING RANGE	56 °C (Approx.)
FLASH POINT	
EVAPORATION RATE	NO DATA AVAILABLE
FLAMMABILITY (SOLID, GAS)	NO DATA AVAILABLE
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	UPPER EXPLOSION LIMIT: 13 %(V) LOWER EXPLOSION LIMIT: 2 %(V)
VAPOUR PRESSURE	245.3 HPA AT 20.0 C
VAPOUR DENSITY	NO DATA AVAILABLE
RELATIVE DENSITY	0.79
WATER SOLUBILITY	SOLUBLE, IN ALL PROPORTIONS
PARTITION COEFFICIENT: N- OCTANOL/WATER	NO DATA AVAILABLE
AUTO-IGNITION TEMPERATURE	465.0 C
DECOMPOSITION TEMPERATURE	DISTILLABLE IN AN UNDECOMPOSED STATE AT NORMAL PRESSURE.
VISCOSITY	NO DATA AVAILABLE
EXPLOSIVE PROPERTIES	NO DATA AVAILABLE
OXIDIZING PROPERTIES	NO DATA AVAILABLE

**OTHER SAFETY INFORMATION**

SURFACE TENSION	23.2 MN/M AT 20.0 C
CONDUCTIVITY	0.01 S/CM AT 20 C

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**SECTION 10. STABILITY AND REACTIVITY**

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<b>REACTIVITY</b>	VAPORS MAY FORM EXPLOSIVE MIXTURE WITH AIR.
<b>CHEMICAL STABILITY</b>	THE PRODUCT IS CHEMICALLY STABLE UNDER STANDARD AMBIENT CONDITIONS (ROOM TEMPERATURE).

**POSSIBILITY OF  
HAZARDOUS  
REACTIONS**

RISK OF IGNITION OR FORMATION OF INFLAMMABLE  
GASES OR VAPOURS WITH:  
CHROMOSULFURIC ACID  
CHROMYL CHLORIDE  
ETHANOLAMINE  
FLUORINE  
STRONG OXIDIZING AGENTS  
STRONG REDUCING AGENTS  
NITRIC ACID  
CHROMIUM(VI) OXIDE

RISK OF EXPLOSION WITH:  
NONMETALLIC OXYHALIDES  
HALOGEN-HALOGEN COMPOUNDS  
CHLOROFORM  
NITRATING ACID  
NITROSYL COMPOUNDS  
HYDROGEN PEROXIDE  
HALOGEN OXIDES  
ORGANIC NITRO COMPOUNDS  
PEROXI COMPOUNDS

EXOTHERMIC REACTION WITH:  
BROMINE  
ALKALI METALS  
ALKALI HYDROXIDES  
HALOGENATED HYDROCARBON  
SULFUR DICHLORIDE  
PHOSPHOROUS OXICHLORIDE

**CONDITIONS TO AVOID**

WARMING

**INCOMPATIBLE  
MATERIALS**

NO DATA AVAILABLE

**HAZARDOUS  
DECOMPOSITION  
PRODUCTS**

IN THE EVENT OF FIRE: SEE SECTION 5

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**SECTION 11. TOXICOLOGICAL INFORMATION**

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**INFORMATION ON TOXICOLOGICAL EFFECTS**

<b>ACUTE TOXICITY</b>	<p>LD50 ORAL - RAT - FEMALE - 5,800 MG/KG REMARKS: (ECHA)</p> <p>LC50 INHALATION - RAT - 4 H - 76 MG/L - VAPOR REMARKS: UNCONSCIOUSNESS DROWSINESS DIZZINESS</p> <p>LD50 DERMAL - RABBIT - 20,000 MG/KG REMARKS: (IUCLID)</p> <p>NO DATA AVAILABLE</p>
<b>SKIN CORROSION/IRRITATION</b>	<p>SKIN RABBIT RESULT: MILD SKIN IRRITATION - 24 H (DRAIZE TEST) REMARKS: (RTECS)</p>
<b>SERIOUS EYE DAMAGE/EYE IRRITATION</b>	<p>EYES RABBIT RESULT: EYE IRRITATION - 24 H (DRAIZE TEST) REMARKS: (RTECS)</p>
<b>RESPIRATORY OR SKIN SENSITISATION</b>	<p>MAXIMIZATION TEST - GUINEA PIG RESULT: NOT A SKIN SENSITIZER. REMARKS: (ECHA) CHRONIC EXPOSURE MAY CAUSE DERMATITIS.</p>
<b>GERM CELL MUTAGENICITY</b>	<p>TEST TYPE: MUTAGENICITY (MAMMAL CELL TEST): CHROMOSOME ABERRATION. TEST SYSTEM: CHINESE HAMSTER OVARY CELLS METABOLIC ACTIVATION: WITH AND WITHOUT METABOLIC ACTIVATION METHOD: OECD TEST GUIDELINE 473 RESULT: NEGATIVE TEST TYPE: AMES TEST TEST SYSTEM: SALMONELLA TYPHIMURIUM METABOLIC ACTIVATION: WITH AND WITHOUT METABOLIC ACTIVATION METHOD: OECD TEST GUIDELINE 471 RESULT: NEGATIVE TEST TYPE: IN VITRO MAMMALIAN CELL GENE MUTATION TEST TEST SYSTEM: MOUSE LYMPHOMA TEST METABOLIC ACTIVATION: WITHOUT METABOLIC ACTIVATION METHOD: OECD TEST GUIDELINE 476 RESULT: NEGATIVE</p>
<b>CARCINOGENICITY</b> IARC:	<p>NO INGREDIENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS PROBABLE, POSSIBLE OR CONFIRMED HUMAN CARCINOGEN BY IARC.</p>

NTP: NO INGREDIENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A KNOWN OR ANTICIPATED CARCINOGEN BY NTP.

OSHA: NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS ON OSHA S LIST OF REGULATED CARCINOGENS.

**REPRODUCTIVE TOXICITY** NO DATA AVAILABLE

**SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE** INHALATION - MAY CAUSE DROWSINESS OR DIZZINESS. - NARCOTIC EFFECTS

**SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE** NO DATA AVAILABLE

**ASPIRATION HAZARD** NO DATA AVAILABLE

**ADDITIONAL INFORMATION** RTECS: AL3150000

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

AFTER ABSORPTION:  
HEADACHE  
SALIVATION  
NAUSEA  
VOMITING  
DIZZINESS  
NARCOSIS  
COMA

OTHER DANGEROUS PROPERTIES CAN NOT BE EXCLUDED.  
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

KIDNEY - IRREGULARITIES - BASED ON HUMAN EVIDENCE

SKIN - DERMATITIS - BASED ON HUMAN EVIDENCE

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**SECTION 12. ECOLOGICAL INFORMATION**

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**TOXICITY**

TOXICITY TO FISH	FLOW-THROUGH TEST LC50 - PIMEPHALES PROMELAS (FATHEAD MINNOW) - 6,210 MG/L - 96 H
TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES	STATIC TEST LC50 - DAPHNIA PULEX (WATER FLEA) - 8,800 MG/L - 48 H REMARKS: (ECHA)
TOXICITY TO ALGAE	STATIC TEST NOEC - M.AERUGINOSA - 530 MG/L - 8 D (DIN 38412) REMARKS: (MAXIMUM PERMISSIBLE TOXIC CONCENTRATION) (IUCLID)
TOXICITY TO BACTERIA	STATIC TEST EC50 - ACTIVATED SLUDGE - 61.15 MG/L - 30 MIN
TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES(CHRONIC TOXICITY)	FLOW-THROUGH TEST NOEC - DAPHNIA MAGNA (WATER FLEA) - 2,212 MG/L - 28 D REMARKS: (ECHA)
<b>PERSISTENCE AND DEGRADABILITY</b>	
BIODEGRADABILITY	AEROBIC - EXPOSURE TIME 28 D RESULT: 91 % - READILY BIODEGRADABLE.
BIOCHEMICAL OXYGEN DEMAND (BOD)	1,850 MG/G REMARKS: (IUCLID)
CHEMICAL OXYGEN DEMAND (COD)	2,070 MG/G REMARKS: (IUCLID)
THEORETICAL OXYGEN DEMAND	2,200 MG/G REMARKS: (LIT.)
<b>BIOACCUMULATIVE POTENTIAL</b>	DOES NOT BIOACCUMULATE.
<b>MOBILITY IN SOIL</b>	NO DATA AVAILABLE
<b>RESULTS OF PBT AND VPVB ASSESSMENT</b>	PBT/VPVB ASSESSMENT NOT AVAILABLE AS CHEMICAL SAFETY ASSESSMENT NOT REQUIRED/NOT CONDUCTED
<b>OTHER ADVERSE EFFECTS</b>	NO DATA AVAILABLE

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## SECTION 13. DISPOSAL CONSIDERATIONS

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### WASTE TREATMENT METHODS

<b>PRODUCT</b>	BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER BUT EXERT EXTRA CARE IN IGNITING AS THIS MATERIAL IS HIGHLY FLAMMABLE. OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS TO A LICENSED DISPOSAL COMPANY. CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL.
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**CONTAMINATED  
PACKAGING**

DISPOSE OF AS UNUSED PRODUCT.

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**SECTION 14. TRANSPORT INFORMATION**

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**DOT (US)**

PROPER SHIPPING NAME: ACETONE  
UN NUMBER: 1090  
CLASS: 3  
PACKING GROUP: II  
REPORTABLE QUANTITY  
(RQ): 5000 LBS  
POISON INHALATION  
HAZARD: NO

**IMDG**

PROPER SHIPPING NAME: ACETONE  
UN NUMBER: 1090  
CLASS: 3  
PACKING GROUP: II  
EMS-NO: F-E, S-D

**IATA**

PROPER SHIPPING NAME: ACETONE  
UN NUMBER: 1090  
CLASS: 3  
PACKING GROUP: II

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**SECTION 15. REGULATORY INFORMATION**

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**SARA 302 COMPONENTS** THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A SECTION 302 EHS TPQ.

**SARA 313 COMPONENTS** THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DE MINIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313.

**SARA 311/312 HAZARDS** FIRE HAZARD, ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD

**MASSACHUSETTS RIGHT TO KNOW COMPONENTS**

	CAS-NO.	REVISION DATE
Acetone	67-64-1	02/16/1993

**PENNSYLVANIA RIGHT TO KNOW COMPONENTS**

CAS-NO.	REVISION DATE
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**SECTION 16. OTHER INFORMATION**

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**FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.**

H225	HIGHLY FLAMMABLE LIQUID AND VAPOUR.
H319	CAUSES SERIOUS EYE IRRITATION.
H336	MAY CAUSE DROWSINESS OR DIZZINESS.

**MSDS LEGEND**

MW:	MOLECULAR WEIGHT
MF:	MOLECULAR FORMULA
VOC:	VOLATILE ORGANIC COMPOUNDS
ACGIH:	AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGINISTS
CAS:	CHEMICAL ABSTRACTS SERIVE REGISTRY NUMBER
OSHA:	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PEL:	PERMISSIBLE EXPOSURE LIMIT (OSHA)
TLV:	THRESHOLD LIMIT VALUE (ACGIH)

**IMPORTANT:**

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