

#10072

MATERIAL SAFETY DATA SHEET

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this MSDS before handling & disposing of this product.

Pass this information on to employees, customers, & users of this product.

SECTION 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION / HAZARD RATINGS

PRODUCT IDENTITY: ACETONE

COMPANY IDENTITY: PACKAGING SERVICE CO., INC.

COMPANY ADDRESS: 1904 MYKAWA ROAD / P O Box 875

COMPANY CITY: PEARLAND, TX 77581

COMPANY PHONE: 1-281-485-1458

CHEMTREC PHONE: 1-800-424-9300

HAZARD RATINGS:

HEALTH (NFPA): 1

HEALTH (HMIS): 1

FLAMMABILITY: 3

REACTIVITY: 0

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SECTION 2. INGREDIENT & REGULATORY INFORMATION

All components of this product are on the TSCA list.

This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.

SARA TITLE III INGREDIENTS

CAS#	WT. % (REG. SECTION)	RQ (LBS)
67-64-1	Not Appl. (311,312)	5000

SARA SECTION 311/312 HAZARDS: Acute Health, Fire

MATERIAL

CAS #

TWA (OSHA)

TLV (ACGIH)

HAP

Acetone

67-64-1

1000 ppm

500 ppm

No

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

MATERIAL

CAS #

CEILING

STEL (OSHA/ACGIH)

Acetone

67-64-1

None Known

750 ppm

PRODUCT IDENTITY: ACETONE

PAGE 2 OF 5

SECTION 2. INGREDIENT & REGULATORY INFORMATION (CONTINUED)

THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN
CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS

CALIFORNIA PROPOSITION 65: This product contains no known chemicals known to the State of California to cause cancer or reproductive toxicity.

IF > 5000 POUNDS OF THIS PRODUCT IS IN ONE CONTAINER THE "RQ" IS EXCEEDED.

DOT SHIPPING NAME: Acetone, 3, UN1090, PG-II

DRUM LABEL: (FLAMMABLE LIQUID)

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SECTION 3. HAZARDS IDENTIFICATION

MATERIAL	CAS #	LOWEST KNOWN LETHAL DOSE DATA LOWEST KNOWN LD50 (ORAL)
Acetone	67-64-1	5340.0 mg/kg(Rabbits)
Acetone	67-64-1	LOWEST KNOWN LC50 (VAPORS) 21000 ppm (Cats)
Acetone	67-64-1	LOWEST KNOWN LD50 (SKIN) 20000.0 mg/kg (Rabbits)

THRESHOLD LIMIT VALUE: 500 ppm (Freshly Prepared)

CONTAINS: ACETONE

WARNING!

**EXTREMELY FLAMMABLE!! VAPORS CAN CAUSE FLASH FIRE
ACUTE HAZARDS**

EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis. Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

SWALLOWING:

Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGREGATED**CONDITIONS AGGREGATED:**

Persons with severe skin, liver or kidney problems should avoid use.

SECTION 3. HAZARDS IDENTIFICATION(CONTINUED)**CHRONIC HAZARDS****CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

SECTION 4. FIRST AID MEASURES PROCEDURES**EYE CONTACT:**

For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration.

SWALLOWING:

If swallowed, CALL A PHYSICIAN IMMEDIATELY! Induce vomiting promptly using physician's instructions or by having patient stick finger down throat. Never give anything by mouth to an unconscious person.

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SECTION 5. FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE:	515 C / 960 F (Lowest Component)
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	2.6
FLASH POINT (TEST METHOD):	-16 C / 2 F (TCC)
FLAMMABILITY CLASSIFICATION:	Class I B

EXTINGUISHING MEDIA:

NFPA Class B extinguishers (Carbon Dioxide or foam) for Class I B liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective on fire but can protect fire fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES:**EXTREMELY FLAMMABLE!! VAPORS CAN CAUSE FLASH FIRE**

Keep container tightly closed.

Isolate from oxidizers, heat, sparks, electric equipment & open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions. Empty container very hazardous! Continue all label precautions!

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES:

Stop spill at source. Dike area & contain. Clean up remainder with absorbent materials. Mop up & dispose of. Persons without proper protection should be kept from area until cleaned up.

WASTE DISPOSAL METHOD:

Recycle or dispose of observing local, state & Federal health, safety & pollution laws. If questions exist, contact the appropriate agencies.

OTHER PRECAUTIONS

Vapors may ignite explosively & spread long distances. Prevent vapor buildup. Put out pilot lights & turn off heaters, electric equipment & other ignition sources during use & until all vapors are gone.

SECTION 7. HANDLING AND STORAGE

HANDLING:

Isolate from oxidizers, heat, sparks, electric equipment & open flame. Use only with adequate ventilation. Avoid breathing of vapor or spray mist. Avoid contact with skin & eyes. Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse. Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, saw, drill, braze, or weld. Empty container very hazardous! Continue all label precautions!

STORAGE:

Vapors may ignite explosively & spread long distances. Prevent vapor buildup. Put out pilot lights & turn off heaters, electric equipment & other ignition sources during use & until all vapors are gone. Do not store above 49 C/120 F. Store large amounts in structures made for OSHA Class I B liquids. Keep container tightly closed & upright when not in use to prevent leakage.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EXPOSURE CONTROLS:

Ventilate to keep vapors of this material below 250 ppm. If over TLV, in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus. Consult Safety Equipment Supplier. Use explosion-proof equipment.

VENTILATION:

LOCAL EXHAUST	: Necessary
MECHANICAL (GENERAL)	: Acceptable
SPECIAL	: None
OTHER	: None

PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

PRODUCT IDENTITY: ACETONE

PAGE 5 OF 5

SECTION 9. PHYSICAL DATA

APPEARANCE:	Liquid, Water-White
ODOR:	Ketone
BOILING RANGE:	56 56 57 C / 133 134 135 F
GRAVITY @ 60 F:	
API:	47.2
SPECIFIC GRAVITY (Water=1):	.792
POUNDS/GALLON:	6.597
VOC'S (>0.44 Lbs/Sq In):	100.1 Vol. % / 793.0 g/L / 6.605 Lbs/Gal
TOTAL VOC'S (TVOC):	100.0 Vol. % / 792.0 g/L / 6.597 Lbs/Gal
NONEXEMPT VOC'S (CVOC):	0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	0.0 Wt. % / 0.0 g/L / 0.000 Lbs/Gal
VAPOR PRESSURE (mm of Hg)@20 C	186.0
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	0.0
VAPOR DENSITY (air=1):	2.0
WATER ABSORPTION:	Complete
SOLVENCY PARAMETERS:	
HKB (Hydrogen Bonding):	32.4
PKB (Polarity):	42.0
DKB (Dispersion):	25.6
REFRACTIVE INDEX:	1.358

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SECTION 10. REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

Isolate from oxidizers, heat ,sparks, electric equipment & open flame.

MATERIALS TO AVOID:

Isolate from strong oxidizers such as permanganates, chromates & peroxides.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS POLYMERIZATION:

Will not occur.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.