



BUILDING VISION AND VARIETY

Date: 3/1/2019

Product Code

SAFETY DATA SHEET

1. Identification

Product Name: Acetone
Product Code:
SDS Date: 3/1/2019
Use: Industrial
Address: BVV
1251 Frontenac Rd. Ste 150
Naperville IL 60563
Phone: (331) 281-0154

CHEMTEL: (800) 255-3924

2. Hazard(s) Identification

GHS Classification

Flammable liquids, (Category 2)
Eye irritation, (Category 2A)
Specific target organ toxicity following single exposure, (Category 3)

Pictogram



Signal Word

Danger

Hazard Statement

Highly flammable liquid and vapor
Causes serious eye irritation
May cause drowsiness or dizziness

Precautionary

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Wash hands thoroughly after handling. Wear eye protection/face protection. Avoid breathing vapors. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire consider carbon dioxide, water spray mist or foam, dry chemical. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container to an approved waste disposal plant.

Hazards Not Otherwise Classified:

Not available

3. Composition/Information On Ingredients

Name	Cas	Concentration
Acetone	67-64-1	100

4. First-aid Measures

General Advice:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

If Inhaled:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact:

Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If Swallowed:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most Important Symptoms and Effects, Both Acute and Delayed:

The most important known symptoms and effects are described in the labelling.

Indications of Any Immediate Medical Attention and Special Treatment Needed:

No data available

5. Fire-fighting Measures

Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Hazards:

No data available

Advice for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further Information:

Use water spray to cool unopened containers.

6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Materials for Containment and Clean Up:

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

7. Handling and Storage

Safe Handling:

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
For precautions see section 2.2.

Safe Storage:

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Flammable liquids

8. Exposure Controls/Personal Protection

Name	CAS
Acetone	67-64-1

Engineering Control:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye/Face Protection:

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection:

Handle with butyl rubber gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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 multipurpose 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 and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties

Appearance:	Acetone	Colorless, clear, liquid
Odor:	Acetone	No Data Available
Odor Threshold:	Acetone	No Data Available
pH:	Acetone	No Data Available

Melting/Freezing Point:	Acetone	-94°C (-137°F)
Initial Boiling Point/Range:	Acetone	56°C (133°) at 1,013 hPa (760 mmHg)
Flash Point:	Acetone	-16.99°C (1.42°F) - Closed Cup
Evaporation Rate:	Acetone	No Data Available
Flammability:	Acetone	No Data Available
Upper Explosion Limit:	Acetone	13%
Lower Explosion Limit:	Acetone	2%
Vapor Pressure:	Acetone	245.3 hPa (184.0 mmHg) at 20°C (68°F)
Vapor Density:	Acetone	No Data Available
Relative Density:	Acetone	0.791 g/mL at 25°C (77°F)
Water Solubility:	Acetone	Completely Miscible
Partition Coefficient:	Acetone	Low Pow: -0.24
Auto Ignition Temp:	Acetone	465.0°C (869°F)
Decomposition Temp:	Acetone	No Data Available
Viscosity:	Acetone	No Data Available

10. Stability and Reactivity

Reactivity:	No Data Available
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Vapors may form explosive mixture with air.
Conditions to Avoid:	Heat, flames, and Sparks
Incompatible Materials:	Bases, Oxidizing agents, Reducing agents, Acetone reacts violently with phosphorous oxychloride.
Hazardous Decomposition Products:	No Data Available

11. Toxicological Information

Name:	Acetone	CAS:	67-64-1
	LD50 Oral-Rat- 7,060 mg/kg		
	LC50 Inhalation - Rat - 10 h - 20000 ppm		
	Dermal: No data available		
Skin Corrosion/Irritation:		Result: No skin irritation - 24 h	
Serious Eye Damage/Eye Irritation:		Result: Mild eye irritation - 24 h	
Respiratory or Skin Sensitization:	No Data Available		
Germ Cell Mutagenicity:	No Data Available		
Carcinogenicity:	Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA		

Reproductive:	Reproductive toxicity - Human - female - Oral Effects on Newborn: Apgar score (human only). Effects on Newborn: Other neonatal measures or effects. Effects on Newborn: Drug dependence.
Additional Information:	Central nervous system depression, narcosis, Damage to the heart.

12. Ecological Information

Name	CAS	Toxicity
Acetone	67-64-1	Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 5,540 mg/l - 96 h, Toxicity to daphnia and LC50 - Daphnia magna (Water flea) - 8,800 mg/l - 48 h

13. Disposal Considerations

Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transportation Information

Proper Shipping Name:	Acetone
Hazard Class	3
Identification Number:	UN1090
Packing Group:	II
Label	Flammable
Ship:	UN1090 ACETONE CLASS 3 PG II

15. Regulatory Information

Name	CAS
SARA 302/304	No Components Were Identified
SARA 313	No Components Were Identified
CERCLA	RQ=5,000lbs
SARA 311/312	Immediate (Acute) Health Hazard, Fire Hazard
PROP 65	No Components Were Identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

16. Other Information, Including Date of Preparation or Last Revision

SDS Date:

3/1/2019

Disclaimer:

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