



Tel.: (450)686-1740
 24 hr. Emergency number:
 CANUTEC: (613) 996-6666
T.D.G.A.: Paint 3.2 1263 II

Section 1 - Identification and use

Product Name: Acetone
Code: M0063-00
Uses: Diluent, Chemical Intermediate, Solvent

Section 2 - Reportable ingredients

Ingredients	Cas No.	Range WT%	TLV PPM TWA	LC50	LD50 Oral-rat
Acetone	67-64-1	100	750 TWA	Not avail.	Not avail.
Benzene	71-43-2	Trace (30 ppm Max)	10 TWA	Not avail.	Not avail.

Section 3 - Physical Data

Physical Form: Colorless liquid with ketone odour.
pH: NA
Freezing Point: -96.54° C (133.32° F)
Evaporation Rate: 14.4 (Butyl Acetate= 1)
Solubility in water: complete @ 20° C
Vapour Pressure (mmHg): 184 mmHg (20° C)
Vapour Density (air=-1): 2.0 (air = 1)
Specific Gravity: 0.7915 at 20/20 C

Section 4 - Fire and Explosion Data

Auto-Ignition Temp: NA
Flash Point (Tag C.C.): - 18 C
Flammable limits: (by volume): LFL: 2.15 % UFL: 13.0 %
Extinguishing Media: Carbon dioxide, dry chemical, foam .
Special fire-fighting procedures: Flammable. Do not use water except as a fog. Use water spray to cool fire exposed containers and structures. Use self-contained breathing apparatus and protective clothing.
Fire or explosive hazards: Vapours from this material may settle in low or confined areas or travel a long distance to an ignition source and flash back explosively. This material may produce a floating fire hazard.

Section 5 - First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, oxygen may be given by qualified personnel. Obtain medical attention at once.
Skin contact: Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation Persists.

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Eye contact: Flush eyes with large amount of running water for at least 15 min. Do not remove contact lenses if worn. Obtain medical attention without delay preferably from ophthalmologist.
Ingestion: If patient is fully conscious, give two glasses of water. Do not induce vomiting. Obtain medical attention at once.

Section 6 - Health Effects Data

Route of Entry: Inhalation, skin, eye contact and ingestion.

Inhalation: Vapors are irritating and may cause a stinging and itching sensation in the eyes, nose and throat, coughing, excessive blinking, tear production, nausea and possibly vomiting. High vapor concentration may result in headache, nausea, weakness, dizziness, incoordination and eventually unconsciousness.

Skin contact: Brief contact is not irritating. Prolonged or repeated contact may cause defatting and drying of the skin.

Eye contact: Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, with marked excess redness and swelling of the conjunctiva.

Ingestion: Slightly toxic. Can cause headache, nausea, vomiting, dizziness and drowsiness may occur. Aspiration into the lungs may occur during ingestion or vomiting, resulting in lung injury.

Carcinogenicity: Not available

Section 7 - Personal Protective Equipment

Respirator requirements: Use self-contained breathing apparatus in high vapor concentrations.
Eye protection requirements: Monogoggles.
Glove requirements: Wear impervious butyl rubber gloves. Wear rubber apron.
Ventilation: General mechanical room ventilation is expected to be satisfactory where this product is stored and handled in closed equipment.
Clothing requirements: Wear impervious protective clothing.

Section 8 - Reactivity

Stability: Stable;
Incompatibilities: Strong oxidizing agents, Nitric acid Alkalies.
Conditions to avoid: Excessive heat, open flames and all ignition sources.
Hazardous decomposition products: Carbon monoxide, carbon dioxide are produced on combustion.

Section 9 - Spill and Leak Procedure

Small spill: Absorb with vermiculite or other absorbent materials. Remove to container.
Large spill: Dike area to avoid material from entering sewer or water system. Gather in mechanical container.
Disposal: Dispose of in accordance to municipal, Provincial and Federal regulations.

Section 10 - Handling and Storage Precautions

Handling procedures: Avoid contact with eyes, skin and clothing. Avoid breathing vapours. Vapours may accumulate and travel to distant ignition sources and flash back. Do not cut, drill, grind or weld on or near this container. Empty containers are hazardous and may contain flammable/explosive materials. Ground all equipment to prevent accumulation of static charge.

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Storage: Store in a dry, cool area away from all ignition sources.

Section 11 - Technical Information

Prepared by: Suzanne Richardson

Revision 0: July 20 2010

The information given and the recommendations made herein apply only to the specified product. The information is based on our research and data from other reliable sources and is believed to be accurate. It is the purchaser's responsibility to verify whether the product is suitable for their purposes. The company does not accept any responsibility for injuries or damages, of any nature, resulting from usage of our products.

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