

# MATERIAL SAFETY DATA SHEET



CORCO CHEMICAL CORPORATION • TYBURN ROAD & CEDAR LANE • FAIRLESS HILLS, PA. 19030 • 215/295-5006  
Manufacturers of Reagent and Electronic Chemicals

IDENTITY (As Used on Label and List)  
Acetone #1001

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name Corco Chemical Corporation	Emergency Telephone Number (215) 295-5007
Address (Number, Street, City, State, and ZIP Code) Tyburn Rd. & Cedar Lane	Telephone Number for Information
Fairless Hills, Penna. 19030	Date Prepared 9/8/06 (1/00-3/04)
	Signature of Preparer (optional) <i>Tom Mac...</i>

## Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Acetone, CH <sub>3</sub> COCH <sub>3</sub>	1000ppm 2400 mg/m <sup>3</sup>	750 ppm 1780 mg/m <sup>3</sup>	IDLH 20,000ppm	

### Common Names

Dimethyl Ketone

Ketone Propane

2-Propanone

Methyl Ketone

Pyroacetic Acid

Beta-Ketopropane

Propanone

Indexed as:

CAS 67-64-1, RTECS AL3150000

UN 1090

NFPA 130

DOT Flammable Liquid

## Section III — Physical/Chemical Characteristics

Boiling Point (56°C)	133°F	Specific Gravity (H <sub>2</sub> O = 1) @ 15°C	0.7972
Vapor Pressure (mm Hg.) @ 20°C	180.0	Melting Point -94.6°C	-138.3°F
Vapor Density (AIR = 1)	2.0	Evaporation Rate (Butyl Acetate = 1)	14.48

### Solubility in Water

Miscible

### Appearance and Odor

Colorless Liquid, Mint like odor.

## Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 0° F, (-17.7°C) C. C.	Flammable Limits	LEL 2.6%	UEL 12.8%
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### Extinguishing Media

Dry chemical, CO<sub>2</sub>, Water Spray, Alcohol foam.

### Special Fire Fighting Procedures

Wear self-contained breathing apparatus and full protective clothing. Cool flame exposed containers with water until well after fire is out. Autoignition @ 869°F.

### Unusual Fire and Explosion Hazards

Vapor explosion hazard. Vapors may travel to source of ignition and flash back. Container may explode in heat of fire. Stay upwind, out of low areas.

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	Avoid Heat, Spark, Flame

Incompatibility (Materials to Avoid) Oxidizers, Acid, Hydrogen Peroxide, Chromic Anhydride, Chloroform, Activated Carbon, Nitric plus Acetic Acid, Oleum.  
 Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Heat, Spark, Flame

**Section VI — Health Hazard Data**

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	yes	yes	yes

Health Hazards (Acute and Chronic)  
 Narcotic at high concentration. Industry reports no injurious effects other than skin defatting and headache at prolonged inhalation.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	not reported	not reported	not as carcinogen

Signs and Symptoms of Exposure  
 Irritation of Eyes, Nose and throat, Headaches, Dizziness and Dermatitis.

Medical Conditions  
 Generally Aggravated by Exposure

Skin and Respiratory conditions.  
 Emergency and First Aid Procedures  
 Eyes, Skin - immediate water flush. Inhalation - remove to fresh air.  
 Ingestion - Call Physician!! if conscious induce vomit.

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled Eliminate ignition sources. Wear proper protective equipment. Use water spray to reduce vapors. Take up with non-combustible absorbent material and containerize for later disposal.

Waste Disposal Method  
 To be performed in compliance with all current Local, State and Federal regulations.

Precautions to Be Taken in Handling and Storing  
 Do not get liquid or vapor in Eyes, on Skin, on Clothing. Avoid breathing vapor.  
 Keep away from Heat, Spark, Flame.

Other Precautions  
 Observe all label precautions when handling "Empty" containers and possible residue therein.

**Section VIII — Control Measures**

Respiratory Protection (Specify Type)  
 Organic cannister mask or supplied air, @ 1000 ppm

Ventilation	Local Exhaust	Recommended	Special
	Mechanical (General)	Recommended	Other

Protective Gloves Rubber  
 Eye Protection Full face shield, splash Goggles.

Other Protective Clothing or Equipment  
 Chemical resistant clothing, Eye Wash, Safety Shower.

Work/Hygienic Practices  
 Work Safely. Respect the material. Wash after handling.