



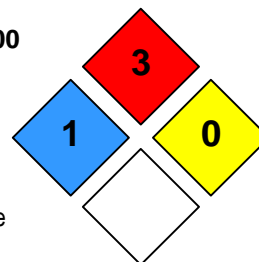
Colonial Chemical Solutions, Inc.

Material Safety Data Sheet – Acetone

SECTION I - PRODUCT IDENTIFICATION

Manufacturers Address:
916 West Lathrop Avenue
Savannah, Georgia 31415

CHEMTREC – 24HR Emergency Telephone 1-800-424-9300
Information Phone: (912) 443-6702
Date Prepared: 12 FEB 09
Preparer: F.Spaeth



NFPA Rating

0- Minimal 1- Slight 2- Moderate
3- Serious 4- Extreme

Synonym: 2-propaneone; dimethylketone
Chemical Family: Ketone

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT	TLV	PEL
Acetone	67-64-1	100	500 ppm	750 ppm

SECTION III - HAZARDOUS IDENTIFICATION

Potential Acute Health Effects: Mild irritant.

Potential Chronic Health Effects: Classified None; by OSHA and NIOSH

SECTION IV - PHYSICAL and CHEMICAL PROPERTIES

Boiling Point Range: 131-133°F

pH: NA

Solubility In Water: Complete.

Appearance/Odor: Clear colorless liquid with pungent odor.

Melting Point/Freezing Point: -139°F

Vapor Density (Air=1): 2

Vapor Pressure (mmHg): 186

VOC %: 100

Specific Gravity (H₂O=1): 0.79

SECTION V - FIRE FIGHTING MEASURES

Flash Point: -4 °F

Auto Ignition: 869 °F

Extinguishing Media: Dry Chemical, water spray or fog, or alcohol compatible foam is recommended.

Flammable Limits: Lower: 2.6 Upper: 12.8

Fire Fighting Procedures: Evacuate the area and fight from a safe distance. Cool fire-exposed containers with water spray to prevent container weakening. Do not enter fire zone without MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full structural firefighter's protective gear.

Unusual Fire and Explosion Hazards: Vapors are extremely flammable in the presence of open flames and sparks. Flammable in the presence of reducing materials.

SECTION VI - STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Heat, open flames, sparks, static discharge.

Incompatibility: Avoid contact with strong reducing agents.

Hazardous Decomposition Products: Oxides of Carbon and smoke particulates.

Hazardous Polymerization: Will not occur.



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SECTION VII - STORAGE AND HANDLING

Precautions To Be Taken In Handling and Storage: Do not use in confined spaces. Always store in tightly sealed, properly labeled, original container. Containers should be grounded to prevent electrostatic accumulation hazard. Store in a cool, dry well ventilated area. Use non-sparking tools and equipment.

Other Precautions: Store in segregated area. Avoid all possible sources of ignition.

SECTION VIII - HEALTH AND FIRST AID

Skin: Mildly irritating. Repeated or prolonged contact can cause defatting and drying.

Eyes: Moderately irritating. Irritation accompanied by redness. Vapors may be irritating.

Inhalation: High vapor concentrations may be irritating to respiratory system. Breathing of vapor may cause headaches, irritation of throat and may cause central nervous system depression.

Ingestion: May cause gastric distress, diarrhea and vomiting.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes. If irritation persists get medical attention.

Skin: Wash skin with soap and water. If irritation persists seek medical attention.

Inhalation: For excessive inhalation remove to fresh air. If breathing is difficult seek medical attention.

Ingestion: DO NOT induce vomiting. Drink large amounts of water. Seek medical attention immediately.

SECTION IX - EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Eye Protection when pouring. Goggles, safety glasses with side shields are recommended.

Respiratory Protection: Where adequate ventilation is not available an approved NIOSH respirator must be worn. In confined areas, use a self-contained breathing apparatus.

Skin Protection: Use chemically resistant gloves.

Ventilation: General Mechanical ventilation to prevent TLV from exceeding control limits.

Protective Clothing: Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, apron and other protective items.

Other Equipment: Eye wash station and shower in close proximity to use are advised

SECTION X - ACCIDENTAL RELEASE MEASURES

Small Spill: Stop source of spill. Dilute with water and mop up and collect into suitable container.

Large Spill: Shut off or plug source of spill. Keep away from heat or an ignition source. Dike area to contain spill.

Salvage as much liquid as possible into a suitable container. Absorb residual on inert media and collect into suitable container.

Personal Protection in Case of Large Spill: Wear protective equipment and/or garments as described in Section IX as conditions warrant.

SECTION XI - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Avoid contaminating ground and surface water. Do not flush to drain. Follow local, state and federal regulations for disposal.



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SECTION XII - TRANSPORTATION

Proper Shipping Name: Acetone
Hazard Class: 3
UN Number: 1090
Packaging Group: II
Label: Flammable

SECTION XIII - TOXICOLOGY

Carcinogenicity: Classified None.
Mutagenicity: Classified None.
Reproductive: Classified None.
Sensitization: Considered a slight sensitizer

SECTION XIV - REGULATORY

RMP/PSM: Not Listed.
CERCLA-RQ: 5000 LBS
EPCRA 311/312: Fire Hazard, Immediate (acute) health hazard.
EPCRA 313: Contains no chemicals subject to reporting.
FIFRA: No documented information available.
RCRA-CODE: F003
TSCA: Listed

SECTION XV - OTHER INFORMATION

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.