

# MATERIAL SAFETY DATA SHEET

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR §1910.1200. To be valid, all information required by §1910.1200 (g) of the Standard must appear on this form. Consult the standard for specific requirements. 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.

IDENTITY (As Used on Label and List)

Hazard Class:

Acetone

E, I

## Section I

Prepared from Standard Reference by:  
Health Career Learning Systems, Inc.

Address (Number, Street, City, State and Zip Code)  
37557 Schoolcraft Road

Livonia, MI 48150

Emergency Telephone Number

Local Fire Department or EMS

Telephone Number for Information

Local Poison Control

Date Prepared

August 1994

Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits %(optional)

Acetone, 99.5% plus 0.5% water 8hr TWA 750ppm TWA 750ppm STEL 1000ppm

## Section III - Physical/Chemical Characteristics

Boiling Point	133.2°F	Specific Gravity (H <sub>2</sub> O = 1)	0.7899
Vapor Pressure (mm Hg.)		Melting Point	Unk
Vapor Density (AIR = 1)	1.2 kg/m <sup>3</sup>	Evaporation Rate (Butyl Acetate = 1)	Unk

Solubility in Water

soluble

Appearance and Odor

Colorless liquid with a fragrant mint-like odor.

## Section IV - Fire and Explosion Hazard Data Rating: 3

Flash Point (Method Used)	Flammable Limits	LEL	UEL
0°F (-18°C), cc	Unk	2.6%	12.8%

Extinguishing Media

see below

Special Fire Fighting Procedures

use carbon dioxide; dry chemicals; alcohol-resistant foam; water spray

Unusual Fire and Explosion Hazards

dangerous disaster hazard due to fire and explosion

Class IB flammable liquid

Based on Draft of OSHA 174, September 1985. Replaces obsolete OSHA form 20 MSDS. This information herein is given in good faith but no warranty, expressed or implied, is made. ©1994, HCLS

Form no. 001

Section V - Reactivity Data		Rating: 0
Stability	Unstable	Conditions to Avoid
	Stable	X

Incompatibility (Materials to Avoid) hydrogen peroxide, acetic acid, nitric acid  
Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	X

Section VI - Health Hazard Data Rating: 1  
Route(s) of Entry: Inhalation? yes Skin? yes Eyes? yes Ingestion? yes  
Target Organs: respiratory system; skin; eyes

Health Hazards (Acute and Chronic)  
Skin and eyes: irritant in exposure less than 1000ppm.  
Respiratory: headache with prolonged exposure  
Carcinogenicity: NTP? no IARC Monographs? no OSHA Regulated? no

Signs and Symptoms of Exposure  
Inh: irritating to eyes, nose and throat. Eyes: painful burning and stinging Skin: dermititis  
Medical Conditions Generally Aggravated by Exposure Unk

Emergency and First Aid Procedures  
Eyes: irrigate immediately; do not rub eyes. Skin: soap wash immediately  
Inh: seek medical attention immediately Ing: seek medical attention

Section VII - Precautions for Safe Handling and Use  
Steps To Be Taken in Case Material Is Released or Spilled  
Remove all heat and ignition sources, adequate ventilation. Pick-up with non-combustible absorbent material, using gloves and eyewear.

Waste Disposal Method  
Use forceps or gloves when handling contaminated gauze or brushes. Keep bottles tightly closed and store on flat surface. Don't store near open flame  
Precautions to Be Taken in Handling and Storing Unk

Other Precautions Unk

Section VII - Control Measures Rating: 6  
Respiratory Protection (Specify Type) recommended  
Ventilation Local Exhaust well vented Special several air exchanges per hour  
Mechanical (General) Unk Other vent to outside if using high concentrations  
Protective Gloves rubber or nitrile Eye Protection safety glasses or goggles  
Other Protective Clothing or Equipment NA

Work/Hygenic Practices  
Remove contaminated clothing; may be flammable after exposure.  
Don't eat, drink or smoke in vicinity.

Section V - Reactivity Data		Rating: 0
Stability	Unstable	Conditions to Avoid
	Stable	X

Incompatibility (Materials to Avoid)  
hydrogen peroxide, acetic acid, nitric acid  
 Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	X

Section VI - Health Hazard Data Rating: 1  
 Route(s) of Entry: Inhalation? yes Skin? yes Eyes? yes Ingestion? yes  
 Target Organs: respiratory system; skin; eyes

Health Hazards (Acute and Chronic)  
Skin and eyes: irritant in exposure less than 1000ppm.  
Respiratory: headache with prolonged exposure  
 Carcinogenicity: NTP? no IARC Monographs? no OSHA Regulated? no

Signs and Symptoms of Exposure  
Inh: irritating to eyes, nose and throat. Eyes: painful burning and stinging Skin: dermatitis  
 Medical Conditions Generally Aggravated by Exposure Unk

Emergency and First Aid Procedures  
Eyes: irrigate immediately; do not rub eyes. Skin: soap wash immediately  
Inh: seek medical attention immediately Ing: seek medical attention

Section VII - Precautions for Safe Handling and Use  
 Steps To Be Taken in Case Material Is Released or Spilled  
Remove all heat and ignition sources, adequate ventilation. Pick-up with non-combustible absorbent material, using gloves and eyewear.

Waste Disposal Method  
Use forceps or gloves when handling contaminated gauze or brushes. Keep bottles tightly closed and store on flat surface. Don't store near open flame  
 Precautions to Be Taken in Handling and Storing  
 Unk

Other Precautions  
 Unk

Section VII - Control Measures Rating: 6  
 Respiratory Protection (Specify Type)  
recommended  

Ventilation	Local Exhaust <u>Well Vented</u>	Special <u>several air exchanges per hour</u>
	Mechanical (General) Unk	<u>Other vent to outside if using high concentrations</u>

 Protective Gloves  
rubber or nitrile  
 Other Protective Clothing or Equipment  
NA  
 Eye Protection  
safety glasses or goggles

Work/Hygenic Practices  
Remove contaminated clothing: may be flammable after exposure.  
Don't eat, drink or smoke in vicinity.