

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

# U.S. Department of Labor

Occupation Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved OMB No. 1218-0072

IDENTITY

**TOOL GENIE (210144)**

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

Manufactured for:

Beaver Research Company

Emergency Telephone Number

1-800-544-0133

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

1-800-544-0133

HMIS RATINGS:

Health: 2  
Flammability: 4  
Reactivity: 0

Date Prepared

03/25/2002

Signature of Preparer (optional)

## Shipping Information:

D.O.T. Shipping Name: Flammable liquids, N.O.S. (Contains acetone, hexane)

D.O.T. Hazard Class: 3

U.N./N.A. Number: UN-1993

Packing Group: II

D.O.T. Label: Flammable

D.O.T. Placard: Flammable

## Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

	CAS No.	VOL %	TLV(units)
Acetone	67-64-1	50-70	1000ppm
Hexane	110-54-3	30-50	500ppm

## Section III – Physical/Chemical Characteristics

Boiling Point	142°F	Specific Gravity (H <sub>2</sub> O = 1)	0.739
Vapor Pressure (mm Hg)	163 @ R.T.	Percent Volatile by Volume	100%
Vapor Density (AIR = 1)	>1	Evaporation Rate (Water = 1)	>1
Solubility in Water Partial		pH	Total VOC

Appearance and Odor

Clear, colorless, liquid; mild odor.

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) -3 °F (TCC)	Flammable Limits Volume % in Air	LEL 1.2	UEL 7.5
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Extinguishing Media

Use water spray, carbon dioxide, dry chemical or alcohol-type foam applied by manufacturer's recommended techniques.

Special Fire Fighting Procedures

Use self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards

Vapors form from this product and may travel or be moved by air currents and ignited by pilot lights or other ignition sources.

## Section V – Reactivity Data

Stability	Unstable Stable	X	Conditions to Avoid	Heat, sparks, open flame.
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Incompatibility (Materials to Avoid)

Strong oxidizers.

Hazardous Decomposition or Byproducts

CO & CO<sub>2</sub>.

Hazardous Polymerization	May Occur Will Not Occur	X	Conditions to Avoid	None.
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**Section VI – Health Hazard Data**

Route(s) of Entry:	Inhalation? Yes	Skin? No	Ingestion? Yes
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Health Hazards (Acute and Chronic)

**Eyes:** Liquid causes severe irritation. High vapor concentrations may also cause irritation. **Skin:** Low order of toxicity. Frequent or prolonged contact causes irritation and/or dermatitis. **Inhalation:** High vapor/aerosol concentrations (greater than approximately 1000ppm) are irritating to the eyes and the respiratory tract. This may cause headaches, dizziness, drowsiness, unconsciousness, anesthesia and other central nervous system effects, including death. **Ingestion:** Moderate toxicity. Small amounts of this product aspirated into the respiratory system during ingestion may cause vomiting and mild to severe pulmonary injury, possibly leading to death.

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure  
See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure  
N/A

Emergency and First Aid Procedure

**Eyes:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention. **Skin contact:** Immediately flush with large amounts of water; use soap if available. Remove contaminated clothing, including shoes, after flushing has begun. **Inhalation:** Using proper respiratory protection, immediately remove the affected victim to fresh air. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention. **Ingestion:** If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention. Small amounts which accidentally enter the mouth should be rinsed until taste is gone.

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

Steps to be Taken in Case Material is Released or Spilled

Contain spill; provide adequate ventilation; keep people away; EXTINGUISH ALL IGNITION SOURCES; keep material out of public waters; use dry absorbent on small spills.

Waste Disposal Method

Dispose of according to all federal, state and local regulations.

Precautions to be Taken in Handling and Storage

Store in dry, cool area; keep containers closed; use adequate ventilation; wash thoroughly after handling; use protective clothing; no ignition sources present.

Other Precautions

FLAMMABLE LIQUID – Clean equipment thoroughly prior to maintenance and/or repair.

**Section VIII – Control Measures**

Respiratory Protection (Specify Type)

NIOSH approved organic vapor cartridge.

Ventilation	Local Exhaust	Preferred	Special	N/A
	Mechanical (General)	Acceptable	Other	N/A

Protective Gloves

Rubber or neoprene.

Eye Protection

Safety glasses or goggles.

Other Protective Clothing or Equipment

Rubber apron and boots; eye bath, safety shower.

Work/Hygienic Practices

N/A

This product contains the following toxic chemicals that are claimed as a trade secret, but disclosed as an upper bound concentration to comply with the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR Part 372.

\*\*\*\*\* HEXANE-----50% Max. \*\*\*\*\*

All information contained in this data sheet is believed to be true and accurate at this time. However, there is no guarantee expressed or implied. The physical data has been calculated from available information.