

Material Safety Data Sheet

UNIVERSAL™

Suspension Fluid

Product Number: 51425

Certol[®]
International

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Certol International, LLC urges each recipient of the MSDS to read it carefully to understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention, as needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

Emergency and First Aid Procedures

Swallowing: Rinse mouth and throat thoroughly with water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Skin Contact: Wash skin with soap and flowing water or shower. If irritation persists, seek medical attention.

Inhalation: Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

Eye Contact: Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

1. Identification

Product Name: UNIVERSAL™ Suspension Fluid

Chemical Name: Blend

2. Hazards

PRINCIPAL HAZARDOUS COMPONENTS	% By Wt.	CAS #
Trichloroethylene	< 8	79-01-6

3. Physical Data

Appearance: Green-blue viscous liquid

Odor: Non-specific

Solubility in Water: Insoluble

Boiling Point: Above 392°F (200°C) (Approximate)

Freezing Point: -13°F (-25°C) (Approximate)

Vapor Density (Air=1): > 1

Evaporation Rate (BuAc=1): < 1

Specific Gravity: 1.03 @ 68°F (20°C)

pH: 6.5 - 7.5

4. Fire and Explosion Hazard

Flash Point: 350°F (177°C) (Approximate)

Flammable Limits in Air: No data

Special Firefighting Procedures: Wear self-contained breathing apparatus and protective equipment.

Unusual Fire and Explosion Hazards: May emit toxic fumes under fire conditions

Extinguishing Media: Dry chemical, foam, or carbon dioxide

5. Health Hazard Data

COMPONENT	OSHA/ PEL	ACGIH/ TLV/STEL
Trichloroethylene	100ppm (TWA) 200ppm (ceiling)	50ppm (TWA) 100ppm (STEL)

Effect of Overexposure:

Swallowing: May cause mild nausea, vomiting, and diarrhea

Skin Contact: May cause mild irritation and an allergic reaction

Inhalation: May cause mild irritation, nausea, and vomiting

Eye Contact: May cause mild irritation and tearing

Carcinogenicity:

Trichloroethylene is listed:

NTR: Yes

IARC: Yes

OSHA: Yes

California: Prop 65 Warning - This product contains Trichloroethylene, a chemical known to the state of California to cause cancer.

6. Reactivity Data

Stability: Stable at normal conditions

Conditions to Avoid: Open flame

Incompatibility (Materials to Avoid): None known at normal conditions

Hazardous Combustion or Decomposition

Products: Composition not combustible. Thermal decomposition may emit toxic fumes.

Hazardous Polymerization: Will not occur

7. Spill, Leak and Waste Disposal Procedures

Steps to be Taken in Case Material is Released or Spilled: Sweep, scoop, or vacuum material and place in closed container. Flush residue with soap and water. The wet, contaminated surface may be slippery.

Waste Disposal Method: Dispose according to all local, state, and federal regulations.

8. Handling and Storage

Store in a closed container in a cool, dry, well-ventilated place away from incompatible materials. Keep out of reach of children.

9. Special Protection Information

Respiratory Protection: Not normally required.

A mask or respirator may be used if vapor concentration is high.

Ventilation: Local exhaust or normal facility ventilation

Protective Gloves: Chemical resistant gloves

Eye Protection: Safety goggles and/or face shield

Protective Clothing: Where contact may occur, wear protective clothing.

Other Protective Clothing or Equipment: An eyewash station should be nearby and ready for use.

10. Regulation Information

Status On Substance List: None known

Federal EPA: None

State Right-To-Know: Trichloroethylene is listed in SARA Title III sections 311/312 Hazardous Categories.

11. Transportation Data

Proper Shipping Name: None

D.O.T.: Unregulated Commodity

CHEMICAL WARNING LABELS

Required on containers, tubs, and bottles, which are filled from original containers with potentially hazardous substances

Hazard rating corresponding to the NFPA Rating System.

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant

NFPA HAZARD RATING
HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

Chemical Warning Label - Certol International, LLC

UNIVERSAL™ Suspension Fluid

No wall reference is necessary

Product Name: UNIVERSAL™ Suspension Fluid

Hazardous Chemicals: Trichloroethylene

Personal Protection: Gloves, safety goggles, and/or face shield

<u>ROUTE OF ENTRY</u>	<u>HEALTH HAZARD</u>	<u>FIRE HAZARD</u>
<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Irritant	<input type="checkbox"/> Below 73°F (23°C)
<input checked="" type="checkbox"/> Ingestion	<input type="checkbox"/> Carcinogen	<input type="checkbox"/> Below 100°F (38°C)
<input checked="" type="checkbox"/> Skin/eye absorption	<input type="checkbox"/> Toxic	<input type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C)
	<input type="checkbox"/> Sensitizer	<input checked="" type="checkbox"/> Above 200°F (93°C)
	<input type="checkbox"/> Normal Material	<input type="checkbox"/> Will not burn
<u>TARGET ORGAN EFFECTS</u>	<u>PHYSICAL HAZARD</u>	<u>REACTIVITY</u>
<input checked="" type="checkbox"/> Respiratory	<input type="checkbox"/> Oxidizer	<input type="checkbox"/> May detonate
<input type="checkbox"/> Heart	<input type="checkbox"/> Acid	<input type="checkbox"/> Shock and heat may detonate
<input type="checkbox"/> Kidney	<input type="checkbox"/> Alkali	<input type="checkbox"/> Violent chemical change
<input checked="" type="checkbox"/> Eyes	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Unstable if heated
<input checked="" type="checkbox"/> Skin	<input type="checkbox"/> Use no water	<input checked="" type="checkbox"/> Stable
<input type="checkbox"/> Prostate	<input type="checkbox"/> Radioactive	
<input type="checkbox"/> Blood		
<input type="checkbox"/> Liver		
<input type="checkbox"/> CNS		
<input type="checkbox"/> Other		

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