

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 THUMP – CITRUS SOLVENT DEGREASER (120565)	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.
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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 269-382-0133
HMIS RATINGS: 0=Minimal 3=Serious 1=Slight 4=Severe 2=Moderate	Health: 1 Flammability: 3 Reactivity: 0 Minimum Personal Protection: B
	Date Prepared 09/25/09
	Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source**	SARA III LIST
Petroleum Distillate	64742-47-8	100	100	d	No
Monocyclic Terpene	5989-27-5	N/E	N/E	d	No
Dimethyl Glutarate	1119-40-0	N/E	N/E	d	No
Dimethyl Adipate	627-93-0	N/E	N/E	d	No
Carbon Dioxide	124-38-9	5000	5000	d	No

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	Approx. 0.88 (Concentrate Only)
Vapor Pressure	PSIG @ 70°F : Max. 85 (Aerosols)	Evaporation Rate (=1)	N/E
Vapor Density (AIR = 1)	N/E	Water Reactive	No
Solubility in Water Negligible			

Appearance and Odor
Thin clear liquid with citrus fragrance.

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A (non-aerosols)	Flammability Limits in Air by % in Volume:	LEL N/E	UEL N/E
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FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): projection with extension tube is 35 inches with flashback; without extension tube variable 0-54 inches with no flashback. CPSC: Categorized: **EXTREMELY FLAMMABLE**

Extinguishing Media

Foam, dry chemical, carbon dioxide.

Special Fire Fighting Procedures

Use water fog to cool container to prevent rupturing and bursting.

Unusual Fire and Explosion Hazards

Do not expose aerosols to temperatures above 120°F or the container may rupture. Provide shielding to protect personnel.

Section V – Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable		

Incompatibility (Materials to Avoid)

Strong acids and strong oxidizers.

Hazardous Decomposition or Byproducts

Carbon dioxide, carbon monoxide, various hydrocarbons and other oxides of carbon.

Hazardous Polymerization	May Occur	Conditions to Avoid	Open flame, welding arcs, heat, sparks.
	Will Not Occur		

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?	Eyes?
	X	X	X	X

Health Hazards (Acute and Chronic)

Acute Effects: Inhalation: Can cause headache, dizziness, asphyxiation. **Eye Contact:** Irritating. **Skin Contact:** Can cause skin defatting. Prolonged exposure can cause extreme drying of skin and possible dermatitis. **Ingestion:** Nausea, gastrointestinal irritation diarrhea, vomiting. Possible chemical pneumonitis if aspirated into lungs.

Chronic Effects: None known.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

Pre-existing dermatitis or respiratory conditions such as asthma.

Emergency and First Aid Procedure

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.

Skin Contact: Wash with soap and water. If irritated, seek medical attention.

Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Cover with absorbent material and scoop up. Flush area with water. Incinerate or landfill according to local, state or federal regulations.

Waste Disposal Method

Aerosol cans, when vented to atmospheric pressure through normal use, pose no disposal hazard.

Precautions to be Taken in Handling and Storage

Do not puncture or incinerate containers. Do not store at temperatures above 120°F.

Other Precautions

KEEP OUT OF REACH OF CHILDREN.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

Not normally needed. Under extended use in high temperatures and poorly ventilated areas when terpene odor may be offensive, use respirator approved by NIOSH approved for organic vapor.

Ventilation	Local Exhaust	Normal	Special	N/A
Normal room ventilation.	Mechanical (General)	N/A	Other	N/A

Protective Gloves

Solvent resistant.

Eye Protection

Safety glasses recommended.

Other Protective Clothing or Equipment

Option: Eyewash station.

Work/Hygienic Practices

Wash with soap and water after contact.

NA = Not Applicable N/E = Not Established

**Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.