

Material Safety Data Sheet

MANUFACTURER
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 DATE OF PREPARATION
 June 19, 2008sb

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 800-327-8583
 Replaces: April 24, 2006

SECTION 1. Chemical Product And Company Identification

Product Number: 89332, 89300, 89332C
Product Name: Gel Formula Teak Cleaner
NFPA Hazard Ratings
 Minimal - 0
 Slight - 1
 Moderate - 2
 Serious - 3
 Extreme - 4

Health: 1
 Flammability: 0
 Reactivity: 0

Special Hazards:
Chemical Family: Aqueous Cleaning Compound

SECTION 2. Composition/Information on Ingredients

<u>Hazardous Components (Specific Chemical Identity/Common Name)</u>	<u>CAS #'s</u>	<u>Percentage</u>
1-Butoxy-propan-2-ol	5131-66-8	10-20
Hydrotreated light distillate (petroleum)	64742-47-8	5.0-10.0
Propanol, (2-Methoxymethoxy) -	34590-94-8	1.0-5.0
Alcohols, C9-11, ethoxylated (6 EO)	68439-46-3	1-5
d-Limonene	5989-27-5	1-5

<u>CAS #'s</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>
5131-66-8	No data.	No data.	No data.
64742-47-8	No data.	No data.	No data.
34590-94-8	100ppm	100ppm	No data.
68439-46-3	No data.	No data.	No data.
5989-27-5	No data.	No data.	No data.

SECTION 3. Hazards Identification

***** **Emergency Overview** *****
 * Irritating to skin upon prolonged exposure. Cause eye irritation. Ingestion may cause nausea, dizziness and unconsciousness. *

<u>Health Hazards*</u>	<u>Physical Hazards*</u>	<u>Target Organs & Effects</u>	
<input type="checkbox"/> No Health Hazard	<input type="checkbox"/> No Physical Hazards	<input type="checkbox"/> Lungs	<input type="checkbox"/> Central Nervous Sys.
<input type="checkbox"/> Toxic	<input type="checkbox"/> Combustible Liquid	<input type="checkbox"/> Heart	<input type="checkbox"/> Cardiovascular Sys.
<input type="checkbox"/> Highly Toxin	<input type="checkbox"/> Compressed Gas	<input type="checkbox"/> Kidney	<input type="checkbox"/> Mucous Membranes
<input type="checkbox"/> Reproductive Toxin	<input type="checkbox"/> Oxidizer	<input type="checkbox"/> Eyes	<input type="checkbox"/> Autonomic Nervous Sys.
<input type="checkbox"/> Irritant	<input type="checkbox"/> Flammable Gas	<input type="checkbox"/> Skin	<input type="checkbox"/> Respiratory System
<input type="checkbox"/> Corrosive	<input type="checkbox"/> Explosive	<input type="checkbox"/> Prostate	<input type="checkbox"/> Blood
<input type="checkbox"/> Sensitize	<input type="checkbox"/> Flammable Liquid/Sol	<input type="checkbox"/> Blood	<input type="checkbox"/> Mutagen
<input type="checkbox"/> Carcinogenicity	<input type="checkbox"/> Pyrophoric	<input type="checkbox"/> Liver	<input type="checkbox"/> Teratogen
	<input type="checkbox"/> Organic Peroxide		
	<input type="checkbox"/> Water Reactive		
	<input type="checkbox"/> Unstable (reactive)		

* Not Determined

Route (s) of Entry: Inhalation? Yes Skin? Yes Eye? Yes Ingestion? Yes
 Other:

SECTION 3. Hazards Identification cont'd**Potential Health Effects (Acute and Chronic)**

EYES: Can cause eye irritation.

SKIN: Constant exposure to skin may cause drying or deflating of skin.

INHALATION: Headache, dizziness, and nausea may result from over-exposure to vapor or skin exposure.

INGESTION: If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur

CHRONIC: Central Nervous System Depression

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

Carcinogenicity/Other Information

No data available.

Signs and Symptoms of Exposure

EYES: May cause minimal irritation, experienced as temporary discomfort.

INGESTION: May cause nausea, dizziness and unconsciousness.

INHALATION: Vapors may cause respiratory tract irritation, cough, discomfort and difficulty in breathing.

SKIN: May be irritating to skin upon prolonged or repeated contact.

SECTION 4. First Aid Measures**Emergency and First Aid Procedures**

Eyes: Flush eyes with water for at least 15 minutes. Call a physician.

INGESTION: Do not induce vomiting, call a physician immediately.

INHALATION: Remove to fresh air, give oxygen or artificial respiration if necessary. Call a physician

SKIN: Wash skin thoroughly with soap and water.

Note to Physician

No data available.

Medical Conditions Generally Aggravated By Exposure

Central Nervous System Depression

SECTION 5. Fire Fighting Measures

Flash Pt. 160.00 F (71.1 C)

Method Used: closed cup

Explosive Limits: _____ LEL: No data. UEL: No data.

Extinguishing Media

Dry Chemicals, CO2 or Alcohol Resistant Foam.

Fire Fighting Instructions

Approved respirators should be worn. Use water spray to cool equipment and disperse vapors.

Flammable Properties and Hazards

Combustion generates toxic fumes of smoke, CO2, Co, and Nitrous Oxide.

Hazardous Combustion Products

No data available.

SECTION 6. Accidental Release Measures**Steps To Be Taken In Case Material Is Released Or Spilled**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7. Handling and Storage**Hazard label Information:**

Avoid contact with skin and eyes. Contains surfactants
Keep out of reach of children. Harmful if swallowed

Precautions To Be Taken in Handling

Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Check container for leaks. Harmful if swallowed.

Precautions To Be Taken in Storing

No data available.

Other Precautions

No data available.

Work/Hygienic/Maintenance Practices

Do not smoke while using. Wash hands after use. Launder clothes before reuse. Use good personal hygiene at all times.

SECTION 8. Exposure Controls/Personal Protection**Protective Equipment Summary-Hazard Label Information**

Latex gloves Chemical safety goggles
NIOSH/MSHA organic vapor respirator

Respiratory Equipment (Specify Type)

None should be needed under normal use. If exposure limits are exceeded, use a NIOSH/MSHA approved respirator.

Eye Protection

Chemical safety goggles

Protective Gloves

Latex gloves

Other Protective Clothing

Boots, apron, or coveralls as necessary to prevent skin contact.

Engineering Controls (Ventilation etc.)

Keep containers closed when not in use. Good general ventilation should be sufficient to control airborne levels.

SECTION 9. Physical And Chemical Properties

Physical State: Gas Liquid Solid

Boiling Point: 212.00 F (100.0 C)

Melting Point: No data.

Specific Gravity (Water = 1) . 97 at 20.0 C

Density No data.

Vapor Pressure (vs. Air or mm Hg): No data.

SECTION 9. Physical And Chemical Properties cont'd.

<u>Vapor Density (vs Air = 1)</u>	No data.		
<u>Evaporation Rate (vs Butyl Acetate =1)</u>	No data		
<u>Solubility in Water</u>	complete	at	20.0 C
<u>Percent Volatile</u>	90.000 %	by weight	
<u>Saturated Vapor Concentration</u>	No data.		
<u>Viscosity</u>	may vary	at	20.0 C
<u>pH</u>	10.3		
<u>Appearance and Odor</u>	amber/citrus – gel		

SECTION 10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid – Instability

NONE

Incompatibility – Materials To Avoid

Strong Oxidizers

Hazardous Decomposition Or Byproducts

Carbon Monoxide, Carbon dioxide, fumes, nitrous oxide and smoke.

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid – Hazardous Polymerization

NONE

SECTION 11. Toxicological Information

No toxicological research has been carried out on this product.

Inhalation: Irritation of respiratory airways possible when vapor concentrations exceed threshold limits.

Skin contact: Irritating, may cause sensitization by skin contact. Prolonged contact may dry out and degrease the skin.

Eye contact: Irritating to eyes.

Ingestion: Ingestion may cause vomiting, nausea and diarrhea. After ingestion, at vomiting, risk of aspiration in the lungs.

Toxicological information:

<u>Chemical Name</u>	<u>Toxicity (mg/kg)</u>	<u>Irritation</u>	<u>Sensitization</u>
Alcohols, C9-11, ethoxylated (6EO)	LD ₅₀ :>500 (rat, oral)	Slight irritating (skin)	Not sensitizing
	LD ₅₀ :> 2000 (rabbit, dermal)		
	LC ₅₀ :> 5000 (inh.)	Strong irritating (eyes)	
Limonene @-p-mentha-1,8-diene)	LD ₅₀ :> 4400 (rat, oral)	Irritating (skin)	Sensitising (skin)
	LD ₅₀ :> 2000 (rabbi, dermal)		
3-Butoxy-2-propanol	LD ₅₀ :> 2000 (rat, oral)	Slight irritating (skin)	Non-sensitizing
		Irritating (eyes)	

SECTION 12. Ecological Information

No ecotoxicological research has been carried out on this product.

Ecotoxicity: Harmful to aquatic organisms. May form an oil film on the water surface causing a decline in oxygen content with possible adverse effects for aquatic organisms.

Mobility: Spilled product can penetrate into the ground and get into the ground water and surface water.

SECTION 12. Ecological Information cont'd

Persistence - No data available on biodegradation. May cause long-term adverse effects in the aquatic environment

Degradability

Bio accumulative No specific data available.

Potential:

Ecotoxicological information:

Chemical name	Toxicity (mg/l)	Log P(ow)	BCF	Degradability
Limonene	LC ₅₀ :<1	4.2	-	-

SECTION 13. Disposal Considerations

Waste Disposal Method

Product residues: Do not dispose empty pack with regular household waste. Treat product residues and non-empty pack as hazardous waste.

All notification, clean up and disposal should be carried out in accordance with federal, state and local regulations. Preferred methods of waste disposal are incineration or biological treatment in federal/state approved facility.

SECTION 14. Transport Information

DOT Proper Shipping Name

Not Regulated

Additional Transport Information

IATA: Not regulated

IMDG: Not Regulated

SECTION 15. Regulatory Information

Volatile Organic Compounds (VOC): 23.44%

Prop 65: This product does not contain a chemical(s) known to the State of California to cause cancer.

<u>Partial Chemical Name</u>	<u>CAS#</u>	<u>Sec. 302 (EHS)</u>	<u>Sec. 304 RQ</u>	<u>Sec.313</u>
1 Butoxy-propan-2-ol	5131-66-8	No	No	No
Hydrotreated light distillate (petrole	64742-47-8	No	No	No
Propanol, (2-Methoxymethoxy) -	34590-94-8	No	No	No

<u>CAS #</u>	<u>CA PROP 65</u>	<u>CWA NPDES</u>	<u>CAA HAP</u>	<u>CAA ODC</u>
5131-66-8	No	No	No	No
64742-47-8	No	No	No	No
34590-94-8	No	No	No	No

TSCA (Toxic Substance Control Act) Lists:

<u>CAS#</u>	<u>5 (A) (2)</u>	<u>5 (A)</u>	<u>8 (A)</u>	<u>8A CAIR</u>	<u>8A PAIRSC</u>	<u>8D</u>	<u>8D TERM</u>
5131-66-8	No	No	No	No	Yes	No	Yes
64742-47-8	No	No	No	No	No	No	No
34590-94-8	No	No	No	No	Yes	No	No

SECTION 15. Regulatory Information cont'd

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

- Sec. 302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
- Sec. 304: EPA SARA Title III Section 304: CERCLA Reportable + Sec. 302 with Reportable Quantity. ** indicates statutory RQ.
- SEC. 313: EPA SARA Title III Section 313 Toxic Release inventory.
Note: -Cat indicates a member of a chemical category.

Other Important Lists:

- CA PROP 65: California Proposition 65
- CWA NPDES: EPA Clean Water Act NPDES Permit Chemical
- CAA HAP: EPA Clean Air Act Hazardous Air Pollutant
- CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)

TSCA (Toxic Substances Control Act) Lists:

- 5 (A) (2) : Chemical Subject to Significant New Rules (SNURS)
- 6 (A) : Commercial Chemical Control Rules
- 8 (A) : Toxic Substance Subject To Information Rules on Production
- 8A CAIR: Comprehensive Assessment Information Rules – (CAIR)
- 8A PAIR: Preliminary Assessment Information Rules – (PAIR)
- 8C: Record of Allegations of Significant Adverse Reactions
- 8D: Health and Safety Data Reporting Rules
- 8D TERM: Health and Safety Data Reporting Rules Terminations

EPA Hazard Categories: This material meets the EPA 'Hazard Categories' defined for SARA Title III Section 311/312 as indicated:

Acute (immediate)	Health Hazard: Yes	Fire Hazard:	No
Chronic (delayed)	Health Hazard: Yes	Sudden Release of Pressure Hazard:	No
		Reactive Hazard:	No

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