

# HOT SPRINGS HEAVY DUTY GENERAL PURPOSE CLEANER CONCENTRATE

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Health		0	
	Reactivity		Fire Hazard	0
	Specific Hazard		Reactivity	0
Protective Clothing	None required.	Emergency Overview	Yellow. Liquid. See Section 9. CAUTION: May be mildly irritating to skin. May cause eye irritation.	

Section 1. Chemical Product and Company Identification	
Product Name	<b>HOT SPRINGS HEAVY DUTY GENERAL PURPOSE CLEANER CONCENTRATE</b>
Code	3145416 & 3145432 & 3318081 & 3318102 & 3318111 & 3318137 & 3338200
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.
PMS#	3164941
MSDS#	F-00399001
Validation Date	5/18/2004
U.S. Headquarters	The Butcher Company 8310 16th Street Sturtevant, WI 53177-0902 General Information: 800-225-9475
Print Date	5/18/2004
Supersedes	No Previous Validation.
In Case of Emergency	Emergency (24 hour) 800-228-5635 CHEMTREC (US/Canada) 800-424-9300 CHEMTREC (Int'l) +1-703-527-3887

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Alkyl glucoside	68515-73-1	1-5	Not available.	Not available.
Tetrasodium EDTA	64-02-8	1-5	Not available.	ORAL (LD50): Acute: 330 mg/kg [Rat].
Alcohol Ethoxylates	68439-46-3	5-10	Not available.	ORAL (LD50): Acute: 1378 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
Propylene glycol methyl ether	107-98-2	5-10	<b>ACGIH (United States).</b> TWA: 369 mg/m <sup>3</sup> STEL: 553 mg/m <sup>3</sup>	ORAL (LD50): Acute: 3739 mg/kg [Rat]. 11700 mg/kg [Mouse]. 5700 mg/kg [Rabbit]. DERMAL (LD50): Acute: 13000 mg/kg [Rabbit].
Water	7732-18-5	60-100	Not available.	Not available.



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### Section 3. Hazards Identification

<b>Routes of Entry</b>	Eye contact. Skin contact Inhalation.
<b>Potential Acute Health Effects</b>	
<i>Eyes</i>	May be moderately irritating to eyes.
<i>Skin</i>	May be mildly irritating to skin.
<i>Inhalation</i>	None known.
<i>Ingestion</i>	None known.
<b>Medical Conditions Aggravated by Overexposure:</b>	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

### Section 4. First Aid Measures

<b>Eye Contact</b>	Flush immediately with plenty of water. If irritation persists, get medical attention.
<b>Skin Contact</b>	Flush immediately with plenty of water. Get medical attention if irritation occurs.
<b>Inhalation</b>	No specific first aid measures are required.
<b>Ingestion</b>	No specific first aid measures are required.

### Section 5. Fire Fighting Measures

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	Closed cup: >121.11°C (250°F).
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Use water spray to keep fire exposed containers cool. dry chemical, carbon dioxide.
<b>Protective Clothing (Fire)</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Special Remarks on Fire and Explosion Hazards</b>	None known.

### Section 6. Accidental Release Measures

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Environmental Precautions and Clean-up Methods</b>	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

### Section 7. Handling and Storage

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

### Section 8. Exposure Controls/Personal Protection

<b>Engineering Controls</b>	No special ventilation requirements. General room ventilation is adequate.
<b>Personal Protection</b>	
<i>Eyes</i>	No special requirements under normal use conditions.
<i>Hands</i>	No special requirements under normal use conditions.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	No special protective clothing is required.



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PURPOSE CLEANER CONCENTRATE**

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Liquid.
Odor	Mild. Citrus.
Color	Yellow.
pH	
Specific Gravity	1.02
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)
Solubility in water	Complete.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Slightly reactive to reactive with oxidizing agents, acids.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information	No special precautions. Dispose of according to all federal, state and local applicable regulations.
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**Section 14. Transport Information**

DOT Classification	
DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Classification	
TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	

**Section 15. Regulatory Information****Reporting in this section is based on ingredients disclosed in Section 2****US Regulations**

State New Jersey: 1-Methoxy-2-propanol  
Massachusetts RTK: 1-Methoxy-2-propanol  
Pennsylvania RTK: 1-Methoxy-2-propanol

This product is not subject to the reporting requirements under California's Proposition 65.

**Registered Product Information** Not applicable.

**Canadian Regulations**

**WHMIS Classification** Class D-2B: Material causing other toxic effects (TOXIC).

**WHMIS Icon**



**Registered Product Information** Not applicable.

**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Section 16. Other Information**

**Other Special Considerations** Not available.

**Version** 0.01

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