



MATERIAL SAFETY DATA SHEET

Version Number: 2

Preparation date: 2006-12-18

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: 20 HOT SPRINGS HEAVY DUTY GENERAL PURPOSE CLEANER CONCENTRATE
MSDS #: F-00399001
Product code: 3145416, 3145432, 3318081, 3318102, 3318111, 3318137, 3338200
Recommended use: Cleaning product. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:

US Headquarters
The Butcher Company
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-800-225-9475
MSDS Internet Address:
www.thebutchercompany.com

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- CAUTION
- CAUSES EYE IRRITATION
- MAY BE MILDLY IRRITATING TO SKIN

Principle routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Moderately irritating to the eyes.
Skin contact: May be mildly irritating to skin.
Inhalation: None known.
Ingestion: May cause irritation to mouth, throat and stomach .

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %
Alcohol ethoxylates	68439-46-3	5 - 10%
Propylene glycol methyl ether	107-98-2	3 - 7%

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin contact: Flush immediately with plenty of water. If irritation develops get medical attention.
Inhalation: No specific first aid measures are required.
Ingestion: If swallowed, give a cupful of water or milk.
Aggravated Medical Conditions: None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Extinguishing media which must not be used for safety reasons:
No information available

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Specific hazards: Not applicable

Unusual hazards: None known

Specific methods: No special methods required

NFPA

Health: 2

Flammability: 0

Instability: 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment

Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF THE REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering measures to reduce exposure:**

No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection: No special requirements under normal use conditions.
Hand protection: No special requirements under normal use conditions
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	ACGIH	OSHA	Mexico
Propylene glycol methyl ether	150 ppm (STEL) 100 ppm (TWA)		

HMIS **Health** 2 **Fire Hazard** 0 **Reactivity** 0

Personal protective equipment

None / Aucune / Ninguno

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Yellow

pH: 12.25

Specific gravity: 1.026

Bulk density: No information available

Evaporation Rate No information available

Solubility: Easily soluble

Solubility in other solvents: No information available

Partition coefficient (n-octanol/water): No information available

Appearance: Liquid

Odor: Citrus

Dilution pH: 10.25

Density: 8.55 lbs/gal

Vapor density: No information available

Viscosity: No information available

VOC: 6% *

Boiling point/range:	Not determined
Melting point/range:	Not determined
Flash point:	>200 (°F) >93.3 (°C)
Decomposition temperature:	Not determined

9. PHYSICAL AND CHEMICAL PROPERTIES

Autoignition temperature:	No information available
Elemental Phosphorus:	0 %P

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability:	The product is stable.
Polymerization:	Hazardous polymerization does not occur.
Hazardous decomposition products:	None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION**HAZARDOUS COMPONENTS**

Ingredient(s)	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Alcohol ethoxylates	=1378 mg/kg	>2 g/kg	Not available
Propylene glycol methyl ether	=5200 mg/kg	=13000 mg/kg	=54.6 mg/L (4 h) >24 mg/L (1 h)

Acute toxicity	Oral LD50 estimated to be greater than 5000 mg/kg
Chronic toxicity:	None known

Specific effects

Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

12. ECOLOGICAL INFORMATION

Environmental Information:	No data available
-----------------------------------	-------------------

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS).

U.S. Regulations

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

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Alkyl poly glycoside	110615-47-9	-	-	-	-
Propylene glycol methyl ether	107-98-2	X	X	X	X
Alcohol ethoxylates	68439-46-3	-	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-
Alcohol ethoxylate	68002-97-1	-	-	-	-
Alkyl Glucoside	68515-73-1	-	-	-	-

CERCLA/ SARA

SARA 311/312 Hazard Categories

Immediate: Y

Canada

WHMIS hazard class: D2B Toxic materials .



Ingredient(s)	CAS #	NPRI
Propylene glycol methyl ether	107-98-2	X

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.