



## MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2008-07-14

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** VIPER BROAD SPECTRUM CLEANER & NO-RINSE SANITIZER  
**MSDS #:** MS0400146  
**Product Code:** 4340041, 4340071  
**Recommended use:** Cleaner & Sanitizer. This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier:**

US Headquarters  
The Butcher Company  
8310 16th St.  
Sturtevant, Wisconsin 53177-1964  
Phone: 1-800-225-9475  
MSDS Internet Address:  
www.thebutchercompany.com

**Emergency telephone number:** 1-800-228-5635 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

- DANGER
- CORROSIVE TO EYES
- CAUSES EYE BURNS
- MAY BE MILDLY IRRITATING TO SKIN
- HARMFUL OR FATAL IF SWALLOWED

---

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation. Ingestion.  
**Eye contact:** Corrosive. Causes permanent eye damage, including blindness.  
**Skin contact:** May be mildly irritating to skin.  
**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.  
**Ingestion:** Corrosive. Causes burns to mouth, throat and stomach.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous ingredients

Ingredient(s)	CAS #	Weight %
Phosphoric acid	7664-38-2	3 - 7%
Hydrogen peroxide	7722-84-1	10 - 25%

### 4. FIRST AID MEASURES

**Eye contact:** Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

**Skin contact:** Immediately flush with plenty of water. Get medical attention.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention immediately.

**Ingestion:** If swallowed, rinse mouth. Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

### 5. FIRE-FIGHTING MEASURES

## 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:

None.

### Special protective equipment for firefighters:

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

**Specific hazards:** None known.

**Unusual hazards:** Corrosive material (See sections 8 and 10).

**Specific methods:** None known.

**NFPA**

**Health:** 3

**Flammability:** 0

**Instability:** 0

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Put on appropriate personal protective equipment (see Section 8.).

### Environmental precautions and clean-up methods:

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Prevent product from entering drains.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Storage:

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

### Personal Protective Equipment

#### Eye protection:

Chemical-splash goggles.

#### Hand protection:

Chemical-resistant gloves

#### Skin and body protection:

If major exposure is possible, wear suitable protective clothing and footwear.

#### Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

#### Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	ACGIH	OSHA	Mexico
Phosphoric acid	3 mg/m <sup>3</sup> (STEL) 1 mg/m <sup>3</sup> (TWA)	1 mg/m <sup>3</sup> (TWA)	3 mg/m <sup>3</sup> (STEL) 1 mg/m <sup>3</sup> (TWA)
Hydrogen peroxide	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m <sup>3</sup> (TWA)	2 ppm (STEL) 3 mg/m <sup>3</sup> (STEL) 1.5 mg/m <sup>3</sup> (TWA) 1 ppm (TWA)

**HMIS**

**Health** 3

**Fire Hazard** 0

**Reactivity** 0

### Personal protective equipment



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Color:** Colorless

**pH:** 0.79-0.99

**Specific gravity:** 1.053

**Bulk density:** No information available

**Evaporation Rate:** No information available

**Solubility:** No information available

**Solubility in other solvents:** No information available

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

**Appearance:** Liquid

**Odor:** No Odor/Odorless

**Dilution pH:** 0.79-0.99 , 3.2%

**Density:** No information available.

**Vapor density:** No information available

**Viscosity:** No information available

**VOC: % as concentrate** 0% \*

<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined
<b>Flash point:</b>	>200°F >93.3°C
<b>Decomposition temperature:</b>	Not determined
<b>Autoignition temperature:</b>	No information available
<b>Elemental Phosphorus:</b>	5.85 %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:** Stable.

**Polymerization:** Hazardous polymerization does not occur.

**Materials to avoid:** Bases . Reducing agents.

**Conditions to avoid:** None known.

**Hazardous decomposition products:** Oxides of carbon . Sulfur dioxide . Oxides of phosphorus. Hydrogen sulfide . Oxygen.

## 11. TOXICOLOGICAL INFORMATION

### Hazardous ingredients

Ingredient(s)	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Phosphoric acid	1530	2730 mg/kg	>850 mg/m <sup>3</sup> (1 h)
Hydrogen peroxide	801	=2000 mg/kg	2 mg/L (4 h)

**Acute toxicity:** Corrosive  
LD50 estimated to be between 2000 - 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

### Hazardous ingredients

Ingredient(s)	NTP	IARC	OSHA
Hydrogen peroxide 7722-84-1		3	

## 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).

**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:
Phosphoric acid	7664-38-2	X	X	X	X
Phosphonic acid	2809-21-4	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Hydrogen peroxide	7722-84-1	X	X	X	X
Water	7732-18-5	-	-	-	-

**CERCLA/ SARA**

Ingredient(s)	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Phosphoric acid 7664-38-2	3 - 7%	5000		
Hydrogen peroxide 7722-84-1	10 - 25%		1000	

**SARA 311/312 Hazard Categories**

**Immediate:** X  
**Delayed:** -  
**Fire:** -  
**Reactivity:** -  
**Sudden Release of Pressure:** -

**Canada**

**WHMIS hazard class:** E Corrosive material .

**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.*