




**Carpe Diem Five 16 Concentrate**

<b>HMIS</b>		<b>NFPA</b>	 <b>Personal protective equipment</b>
Health	2	2	
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 2

Preparation date: 2009-02-12

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Carpe Diem Five 16 Concentrate

**MSDS #:** MS0400136

**Product Code:** 4963120, 4963197, 4963242, 4963293

**Recommended use:** Industrial/Institutional. Disinfectant Cleaner. 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:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l);

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

CAUTION: CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN. MAY BE HARMFUL IF SWALLOWED .

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation. Ingestion.

**Eye contact:** Moderately irritating to the eyes.

**Skin contact:** May be mildly irritating to skin.

**Inhalation:** None know n.

**Ingestion:** May be irritating to mouth, throat and stomach .

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous ingredients**

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Phosphoric acid	7664-38-2	3.4	1530	2730 mg/kg	>850 mg/m³ (1 h)
Hydrogen peroxide	7722-84-1	4.25	801	=2000 mg/kg	2 mg/L (4 h)
2-Hydroxybenzoic Acid	69-72-7	0.8	891	Not available	>0.9 mg/L (1 h)

**4. FIRST AID MEASURES**

**Eye contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get medical attention immediately.

**Skin contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes . If irritation persists, get medical attention.

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

**Ingestion:** Call medical attendant, doctor, or poison control center immediately. Have person sip a glass of water if able to swallow . Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person.

**Notes to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**Aggravated Medical Conditions:** None know n.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** Dry chemical, water spray, foam, carbon dioxide.

**Specific hazards:** Not applicable

**Unusual hazards:** Decomposition releases oxygen, which may intensify fire .

**Specific methods:** No special methods required

**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

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

## 5. FIRE-FIGHTING MEASURES

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).  
**Environmental precautions and clean-up methods:** Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up.

## 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. 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:**  
General room ventilation is adequate.

### Personal Protective Equipment

**Eye protection:** Chemical-splash goggles.  
**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)	CAS #	ACGIH	OSHA	Mexico
Phosphoric acid	7664-38-2	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	7722-84-1	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)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Liquid	<b>Bulk density:</b> No information available
<b>pH:</b> 1.0	<b>Dilution pH:</b> 2.3 (1:16)
<b>Appearance:</b> Aqueous solution	<b>Vapor density:</b> No information available
<b>Color:</b> Colorless	<b>Evaporation Rate:</b> No information available
<b>Odor:</b> Characteristic	<b>Boiling point/range:</b> Not determined
<b>Specific gravity:</b> 1.038	<b>Melting point/range:</b> Not determined
<b>Density:</b> 8.65 lbs/gal	<b>Decomposition temperature:</b> Not determined
<b>VOC:</b> 8 % *	<b>Autoignition temperature:</b> No information available
<b>Flash point:</b> >200°F >93.3°C	<b>Partition coefficient (n-octanol/water):</b> No information available
<b>Solubility:</b> Completely Soluble	<b>Solubility in other solvents:</b> No information available
<b>Viscosity:</b> No information available	<b>Elemental Phosphorus:</b> 1.314 %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.  
**Materials to avoid:** Oxidising agents.  
**Conditions to avoid:** Do not freeze.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg  
**Component Information:** See Section 3  
**Chronic toxicity:** None known  
**Specific effects**  
**Carcinogenic effects:** None known  
**Mutagenic effects:** None known

## 11. TOXICOLOGICAL INFORMATION

**Reproductive toxicity:** None known  
**Target organ effects:** None known

### Hazardous ingredients

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

## 12. ECOLOGICAL INFORMATION

**Environmental Information:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

## 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/NDL).

#### Canada

**WHMIS hazard class:** Non-controlled.

**DIN No. :** xxxxxx

## 16. OTHER INFORMATION

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** None

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