



# MATERIAL SAFETY DATA SHEET

Version Number: 2

Preparation date: 2005-05-06

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Torpedo  
**Product code:** 4315320  
**MSDS #:** 4315320  
**Recommended use:** Floor care.

**Manufacturer, importer, supplier:**  
 US Headquarters Canadian Headquarters  
 The Butcher Company JohnsonDiversey - Canada, Inc.  
 8310 16th St. 2401 Bristol Circle  
 Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1  
 Phone: 1-800-225-9475 Phone: 1-800-668-3131  
 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

- WARNING
- CAUSES EYE BURNS
- CAUSES SKIN IRRITATION
- HARMFUL IF SWALLOWED

**Principle routes of exposure:** Skin contact. Eye contact. Inhalation. Ingestion.  
**Skin contact:** Severe skin irritation.  
**Eye contact:** Causes permanent eye damage, including blindness.  
**Inhalation:** May be irritating to nose, throat, and respiratory tract.  
**Ingestion:** Harmful if swallowed . Causes burns to mouth, throat and stomach.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %
Sodium hydroxide	1310-73-2	1 - 5%
Sodium hypochlorite	7681-52-9	3 - 7%

## 4. FIRST AID MEASURES

**Eye contact:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.  
**Skin contact:** Flush immediately with plenty of water for at least 15 minutes. If irritation persists, get medical attention.  
**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention.  
**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 .  
**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**  
 The product is not flammable. Dry chemical, water spray, foam, carbon dioxide.

**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:** None known.

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

**Specific methods:** No special methods required

## 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. 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. Wash thoroughly after handling. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Do not mix with any other product or chemical . FOR COMMERCIAL AND INDUSTRIAL USE ONLY .

**Storage:** 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. Respiratory protection is not required if good ventilation is maintained .

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

Boiling point/range:	Not determined
Melting point/range:	Not determined
Flash point:	>200 (°F)>93.3 (°C)
Decomposition temperature:	Not determined
Autoignition temperature:	No information available

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	The product is stable
<b>Polymerization:</b>	Hazardous polymerisation does not occur
<b>Materials to avoid:</b>	Acids. Oxidising agents. Ammonia. Ammonium salts. Metals .
<b>Conditions to avoid:</b>	Do not mix with any other product or chemical . Strong sunlight for prolonged periods..
<b>Hazardous decomposition products:</b>	Chlorine.

## 11. TOXICOLOGICAL INFORMATION

### Component Information:

#### HAZARDOUS COMPONENTS

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hydroxide	140 mg/kg (rat)	Not available	Not available
Sodium hypochlorite	5800 mg/kg (mouse)	Not available	Not available

<b>Acute toxicity</b>	Corrosive .
<b>Chronic toxicity:</b>	None known

#### Specific effects

<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

## 12. ECOLOGICAL INFORMATION

**Environmental Information:** When used for its intended purpose this product should not cause adverse effects in the environment

## 13. DISPOSAL CONSIDERATIONS

### Waste from residues / unused products:

Undiluted product is regulated under environmental and transportation laws as a corrosive waste . Dispose of according to all federal, state and local applicable regulations .

**RCRA Hazard Class:** D002

## 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), Philippines (PICCS), China (IECSC).

**U.S. Regulations**

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

**STATE RIGHT TO KNOW**

<b>Ingredient</b>	<b>CAS #</b>	<b>MARTK:</b>	<b>NJRTK:</b>	<b>PARTK:</b>	<b>RIRTK:</b>	<b>ILRTK:</b>	<b>CTRTK:</b>
Sodium hydroxide	1310-73-2	Listed	Listed	Listed	Listed	Listed	Listed
Water							