

## MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2006-12-04

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** 2 BROWNING SPOTTER  
**MSDS #:** MS0400074  
**Product code:** 4350260  
**Recommended use:** Carpet Care.

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

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

- WARNING
- CAUSES EYE AND SKIN IRRITATION
- COMBUSTIBLE LIQUID AND VAPOR
- HARMFUL IF SWALLOWED

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation.  
**Eye contact:** Severe eye irritation.  
**Skin contact:** Moderately irritating to the skin.  
**Inhalation:** May be irritating to nose, throat, and respiratory tract.  
**Ingestion:** May be irritating to mouth, throat and stomach .

**3. COMPOSITION/INFORMATION ON INGREDIENTS****HAZARDOUS COMPONENTS**

Ingredient(s)	CAS #	Weight %
Potassium hydroxide	1310-58-3	0.1 - 1.5%
Isopropyl alcohol	67-63-0	3 - 7%
Formic acid	64-18-6	0.1 - 1.5%

**4. FIRST AID MEASURES**

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

**Skin contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.

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

**Ingestion:** If swallowed, 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:** Persons with pre-existing skin disorders may be more susceptible to irritating effects.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media:**

Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

**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: 2****Instability: 0****6. ACCIDENTAL RELEASE MEASURES****Personal precautions:** Use personal protective equipment**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Eliminate all ignition sources . Soak up with inert absorbent material. Sweep up and shovel into suitable 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. 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. COMBUSTIBLE LIQUID AND VAPOR . Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**Storage:** Protect from freezing. Store in a cool, dry, well ventilated area away from heat or open flame. 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:** Chemical splash goggles.  
**Hand protection:** Chemical resistant gloves  
**Skin and body protection:** No special protective clothing is required.  
**Respiratory protection:** No special protective clothing is required.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	ACGIH	OSHA	Mexico
Potassium hydroxide	2 mg/m <sup>3</sup> (Ceiling)		
Isopropyl alcohol	400 ppm (STEL) 200 ppm (TWA)	980 mg/m <sup>3</sup> (TWA) 400 ppm (TWA)	500 ppm (STEL) 1225 mg/m <sup>3</sup> (STEL) 400 ppm (TWA) 980 mg/m <sup>3</sup> (TWA)
Formic acid	10 ppm (STEL) 5 ppm (TWA)	5 ppm (TWA) 9 mg/m <sup>3</sup> (TWA)	5 ppm (TWA) 9 mg/m <sup>3</sup> (TWA)

**HMIS****Health 2****Fire Hazard 2****Reactivity 0****Personal protective equipment****9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State:** Liquid**Color:** Colourless**Appearance:** Liquid**Odor:** Mild

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**pH:** 2.45  
**Specific gravity:** 1.023  
**Bulk density:** No information available  
**Evaporation Rate:** No information available  
**Solubility:** Soluble  
**Solubility in other solvents:** No information available  
**Partition coefficient (n-octanol/water):** No information available  
**Dilution pH:** No information available.  
**Density:** 8.54 lbs/gal  
**Vapor density:** No information available  
**Viscosity:** No information available  
**VOC:** 5% \*

<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined
<b>Flash point:</b>	115 (°F) 46 (°C)
<b>Decomposition temperature:</b>	Not determined
<b>Autoignition temperature:</b>	No information available
<b>Elemental Phosphorus:</b>	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  
**Materials to avoid:** Strong bases. Oxidising agents.  
**Conditions to avoid:** Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.  
**Hazardous decomposition products:** None reasonably foreseeable.

**11. TOXICOLOGICAL INFORMATION****HAZARDOUS COMPONENTS**

<b>Ingredient(s)</b>	<b>LD50 Oral - Rat</b>	<b>LD50 Dermal - Rabbit</b>	<b>LC50 Inhalation - Rat</b>
Potassium hydroxide	=214 mg/kg	Not available	Not available
Isopropyl alcohol	=4396 mg/kg	=12800 mg/kg	=72.6 mg/L (4 h)
Formic acid	=730 mg/kg	Not available	=7.4 mg/L (4 h)

**Acute toxicity:** Oral LD50 estimated to be >1000 and <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 COMPONENTS**

<b>Ingredient(s)</b>	<b>NTP</b>	<b>IARC</b>	<b>OSHA</b>
Isopropyl alcohol 67-63-0		3	X

**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

**RCRA Hazard Class:** D001

**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), Australia (AICS), Korea (ECL), 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**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Potassium hydroxide	1310-58-3	X	X	X	X
Water	7732-18-5	-	-	-	-
Isopropyl alcohol	67-63-0	X	X	X	X
Formic acid	64-18-6	X	X	X	X
Hydroxyacetic acid	79-14-1	-	-	-	-
Linear alcohol alkoxyate	68987-81-5	-	-	-	-

**CERCLA/ SARA**

Ingredient(s)	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Potassium hydroxide 1310-58-3	0.1 - 1.5%	1000		
Isopropyl alcohol 67-63-0	3 - 7%			X
Formic acid 64-18-6	0.1 - 1.5%	5000		X

**SARA 311/312 Hazard Categories**

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

**Canada**

**WHMIS hazard class:** B3 Combustible liquid , D2B Toxic materials .



Ingredient(s)	CAS #	NPRI
Isopropyl alcohol	67-63-0	X
Formic acid	64-18-6	X

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

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