

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** HEAVYWEIGHT CHAMP +  
**Manufacture/Supplier:** Midbrook Inc.  
**Address:** 2080 Brooklyn Rd.  
Jackson, MI 49204  
United States of America  
**Phone Numbers:** Phone - 517-787-3481  
Fax -517-787-2349  
**Emergency Phone Numbers:** USA Chemtrec 800-424-9300  
International Chemtrec 703-527-3887  
**Date:** 10/13/2010

## 2. COMPOSITION/HAZARDOUS INFORMATION

INGREDIENT	WT%	TLV/PEL*	CAS#
Potassium Hydroxide	10-20	2mg/m <sup>2</sup>	1310-58-3
Sodium Hydroxide Solution	10-20	2mg/m <sup>2</sup>	1310-73-2

## 3. HAZARD IDENTIFICATION

### Primary Routes of Entry

**Skin:** Tests on similar materials indicate that irritation and corrosive effects are expected to occur with short term exposure.  
**Eyes:** Tests on similar materials suggests that corrosive irritation may occur on contact.  
**Ingestion:** Tests on similar materials indicate corrosive effects are expected.  
**Inhalation:** Tests on similar materials indicate corrosive effects are expected.

## 4. FIRST AID MEASURES

**First Aid – Eye** Wash out eye with plenty of water for at least 15 minutes. Obtain medical attention if soreness or redness persists.  
**First Aid – Skin** Remove product soaked clothing. Wash skin with soap and water. Launder soaked clothing before reuse. If skin irritation or rash develops obtain medical assistance.  
**First Aid – Ingestion** Do not induce vomiting. Obtain medical attention.  
**First Aid – Inhalation** Move to fresh air and provide oxygen if necessary. Obtain emergency medical attention.

## 5. FIRE FIGHTING MEASURES

**Flammable properties:** Flash Point: **none°F (ASTM D-56)**  
Flammable limits in air: **N/A**  
Auto ignition temperature: **N/A**  
**Extinguishing Media** Use foam, dry chemical or carbon dioxide.  
**Special fire fighting measure:** This product may give rise to hazardous fumes in a fire. Use self contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used only to keep surrounding containers cool. Residues of this material may support combustion.

---

## 6. ACCIDENTAL RELEASE MEASURES

---

<b>Personal Precautions</b>	Material can create slippery conditions underfoot.
<b>Spillages</b>	Transfer into suitable containers for recovery or disposal.

---

## 7. HANDLING AND STORAGE

---

<b>Handling</b>	Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors.
<b>Storage</b>	Storage temperature should be controlled to between 1 and 40°C.
<b>Work Practices</b>	Wash thoroughly after handling. Do not use gasoline, solvents, kerosene, or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

---

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

---

<b>Engineering Control Measures</b>	Use adequate ventilation.
<b>Hand protection</b>	Use a good quality barrier cream or rubber gloves.
<b>Eye Protection</b>	Glasses or goggles. Have eye wash available.
<b>Body Protection</b>	Chemical apron if splashing is likely.
<b>Respiratory Protection</b>	Not required if adequate ventilation. Use NIOSH approved respirator in confined areas.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

<b>Physical State</b>	Clear Liquid
<b>Color</b>	Lt. Yellow
<b>Odor</b>	Characteristic
<b>Boiling Point</b>	>212°F
<b>Vapor Pressure</b>	N/A°F
<b>% Volatile by Volume</b>	50-60% as water
<b>Vapor Density(air=1)</b>	>1
<b>Reactivity in Water</b>	Non-reactive
<b>Solubility in Water</b>	Soluble
<b>Evaporation Rate (water=1)</b>	1
<b>Specific Gravity</b>	1.16
<b>pH @ 10:1</b>	13.5

---

## 10. STABILITY AND REACTIVITY

---

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Sources of ignition.
<b>Materials to Avoid</b>	Strong oxidizing agents or reducing agents.
<b>Decomposition Products</b>	Oxides of Carbon, Hydrogen.
<b>Hazardous Polymerization</b>	Will not occur.

---

11. TOXICOLOGICAL INFORMATION

---

<b>Acute Toxicity</b>	Low order of acute toxicity.
<b>Eye Effects</b>	Corrosive on contact.
<b>Skin Effects</b>	May cause mild irritation with prolonged and repeat contact.
<b>Acute Oral Effects</b>	Corrosive oral toxicity.
<b>Acute Inhalation Effects</b>	Corrosive toxicity expected on inhalation.

This product is not listed as a carcinogenic or a potential carcinogen by the National Toxicology Program, by I.A.R.C. monographs or by OSHA.

---

12. ECOLOGICAL INFORMATION

---

No data available.

---

13. DISPOSAL

---

<b>Product Disposal</b>	Dispose of in accordance with all applicable local and national regulations. If used RCRA criteria must be determined. Product may be amenable to sewer if neutralized to adjust pH; if not permitted use a certified disposal service.
<b>Container Disposal</b>	No specific measures necessary.

---

14. TRANSPORTATION INFORMATION

---

<b>Shipping Name</b>	Detergents, Soaps.
<b>Shipping Class</b>	55
<b>D.O.T. Identification</b>	N/A
<b>D.O.T. Shipping Label</b>	Not regulated by D.O.T.

---

15. REGULATORY INFORMATION

---

**U.S. Federal Regulatory Information:**

SARA 302 Threshold Planning Quantity: N/A                      SARA 304 Reportable Quantity: N/A

SARA 311 Categories:

Acute Health Effects:	Corrosive
Chronic Health Effects:	None
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactivity Hazard:	No

**EPA/TSCA Inventory:** The components of this product are listed on the EPA/TSCA inventory of chemicals.

**EPA Hazard Classification Code:** Not applicable

**CERCLA:** No chemicals in this product are subject to the reporting requirements of CERCLA.

**SARA Title III - Section 313 Supplier Notification:** No Chemicals in this product exceed the DE Minimus reporting level established by SARA Title III, Section 313 and 40 CFR 372.

**WHMIS Classification:** Not controlled.

---

16. OTHER INFORMATION

---

**NFPA Hazard Rating:**

<b>Health:</b>	<b>3</b>	<b>Severe</b>
<b>Flammability:</b>	<b>0</b>	<b>Negligible</b>
<b>Reactivity:</b>	<b>0</b>	<b>Negligible</b>

\*Threshold Limit Value/Personal Exposure Limit

N/A = Not Applicable

N/E = Not Established

---

**Disclaimer of Express or Implied Warranties**

The information contained herein is based upon data believed to be reliable and reflects our best professional judgment. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein and assume no responsibility regarding the suitability of this information for the user's intended purpose or for the consequence of its use. Each individual should make a determination as to the suitability of the information for his/her particular purpose(s).