

# SAFETY DATA SHEET

## Heavy Duty Steam Cleaner

### 1. Product and Company Identification

**Product Code:** CAHDS  
**Product Name:** Heavy Duty Steam Cleaner  
**Company Name:** McCalla Company  
6856 Van Nuys Blvd.  
Van Nuys, CA 91405  
**Phone Number:** (818)786-2125

**Emergency Contact:** Chemtrec (800)424-9300

**Recommended Use:** Carpet Cleaner  
**Intended Use:** For sale to, use and storage by service persons only.

### 2. Hazards Identification

**Acute Toxicity: Oral, Category 4**  
**Skin Corrosion/Irritation, Category 3**  
**Serious Eye Damage/Eye Irritation, Category 2B**



**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
H316 - Causes mild skin irritation.  
H319 - Causes serious eye irritation.

**GHS Precaution Phrases:** P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.

**GHS Response Phrases:** P301+310 - If swallowed: Immediately call a Poison Center or doctor. P330 - Rinse mouth.  
P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 - If eye irritation persists: P315 - Get immediate medical advice/attention.

**GHS Storage and Disposal Phrases:** P411+235 - Store in cool dry place at room temperature away from direct sunlight.  
P501 - Dispose of contents and container according to the local, city, state and federal regulations.

**Potential Health Effects (Acute and Chronic):**

**Inhalation:** May cause respiratory tract irritation.

**Skin Contact:** Causes skin irritation. Harmful if absorbed through the skin.

**Eye Contact:** Causes eye irritation. May cause chemical conjunctivitis. Causes redness and pain.

**Ingestion:** Harmful if swallowed. May cause irritation of the digestive tract. Causes gastrointestinal irritation with nausea, vomiting and diarrhea.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7320-34-5	Potassium pyrophosphate	Proprietary
111-76-2	Ethanol, 2-Butoxy-	Proprietary
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	Proprietary

# SAFETY DATA SHEET

## Heavy Duty Steam Cleaner

### 4. First Aid Measures

#### Emergency and First Aid

##### Procedures:

- In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid immediately.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- In Case of Ingestion:** Never give anything by mouth to an unconscious person. Get medical aid. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Call a poison control center. Potential for aspiration if swallowed. If vomiting occurs naturally, have victim lean forward.
- Note to Physician:** Treat symptomatically and supportively. Urine acetone test may be helpful in diagnosis. Hemodialysis should be considered in severe intoxication.

### 5. Fire Fighting Measures

- Flash Pt:** NE
- Explosive Limits:** LEL: N/A UEL: N/A
- Autoignition Pt:** NE
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
- Flammable Properties and Hazards:** No data available.

### 6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

### 7. Handling and Storage

- Precautions To Be Taken in Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Keep container tightly closed. Avoid ingestion and inhalation. Use spark-proof tools and explosion proof equipment. Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame.
- Precautions To Be Taken in Storing:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

### 8. Exposure Controls/Personal Protection



# SAFETY DATA SHEET

## Heavy Duty Steam Cleaner

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7320-34-5	Potassium pyrophosphate	No data.	No data.	No data.
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	No data.	No data.	No data.

**Respiratory Equipment** Not expected to be a problem.

**(Specify Type):**

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear chemical splash goggles.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Engineering Controls (Ventilation etc.):** Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

## 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** Blue color liquid with lemon odor.

**Melting Point:** NE

**Boiling Point:** >= 212.00 F

**Decomposition Temperature:** NE

**Autoignition Pt:** NE

**Flash Pt:** NE

**Explosive Limits:** LEL: N/A UEL: N/A

**Specific Gravity (Water = 1):** 1.010

**Density:** 8.42 LB/GA

**Vapor Pressure (vs. Air or mm Hg):** NE

**Vapor Density (vs. Air = 1):** NE

**Evaporation Rate:** NE

**Solubility in Water:** 100%

**Saturated Vapor Concentration:** NE

**Viscosity:** NP

**pH:** 8.0 - 10.0

**Percent Volatile:** No data.

**VOC / Volume:** 50.0000 G/L

# SAFETY DATA SHEET

## Heavy Duty Steam Cleaner

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** None.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents.

**Hazardous Decomposition Or Byproducts:** Phosphine, oxides of phosphorus, Carbon monoxide, Carbon dioxide.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** None.

### 11. Toxicological Information

**Toxicological Information:** No data available.

**Carcinogenicity/Other Information:**

CAS# 7320-34-5:  
Acute toxicity, LD50, Skin, Species: Rabbit, 4640. MG/KG.  
Results:  
Paternal Effects: Testes, epididymis, sperm duct.  
- National Technical Information Service, Vol/p/yr: OTS0571153,

CAS# 111-76-2:  
Acute toxicity, LD50, Oral, Rat, 470.0 MG/KG.  
Results:  
Behavioral: Somnolence (general depressed activity).  
Behavioral: Muscle weakness.  
- Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46,

Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.  
Results:  
Behavioral: Ataxia.  
Nutritional and Gross Metabolic: Weight loss or decreased weight gain.  
- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 68,405, 1983

CAS# 7320-34-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2:  
ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.  
California: Not listed.  
NTP: Not listed.  
IARC: Not listed. CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. Ecological Information

**General Ecological Information:** Other: No information available.

**Results of PBT and vPvB assessment:** CAS# 111-76-2:  
LC50, Brine Shrimp (*Artemia salina*), nauplii, 1000000. UG/L, 24 H, Mortality, Water temperature: 24.00 C C.  
Results:



# SAFETY DATA SHEET

## Heavy Duty Steam Cleaner

Morphological changes.

- Brine Shrimp Bioassay and Seawater BOD of Petrochemicals, Price, K.S., G.T. Waggy, and R.A. Conway, 1974

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents and container according to the local, city, state and federal regulations.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not regulated as a hazardous material.

**DOT Hazard Class:**

**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Not Regulated.

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Not Regulated.

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Not Regulated.

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7320-34-5	Potassium pyrophosphate	No	No	No
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7320-34-5	Potassium pyrophosphate	CA PROP.65: No; CA TAC, Title 8: No
111-76-2	Ethanol, 2-Butoxy-	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	CA PROP.65: No; CA TAC, Title 8: No

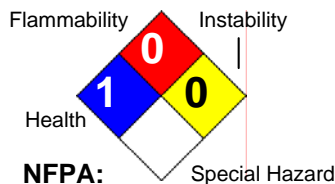
# SAFETY DATA SHEET

## Heavy Duty Steam Cleaner

### 16. Other Information

**Hazard Rating System:**

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	B

**HMIS:**

**NFPA:**
**Revision Date:**

04/16/2015

**Additional Information About This Product:** No data available.

**This Product:**
**Company Policy or**
**Disclaimer:**

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.