

# MATERIAL SAFETY DATA SHEET

## SECTION 1 ♦ CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

Camel Tire Care Products  
500 South 48<sup>th</sup> Street E.  
Muskogee, Oklahoma 74403  
(918) 687 - 5427

### FOR EMERGENCY SOURCE INFORMATION CONTACT:

- (918) 687 - 5427
- CHEMTREC: (800) 424-9300
- CANUTEC: (613) 996-6666
- SETIQ: 91-800-00-214

<b>PRODUCT IDENTIFICATION</b>	12-095 Tire Mount Stuff	28-500 Carquest Kit ASST	12-096 Tire Mount Stuff
<b>TRADE NAMES/SYNONYMS:</b>	Potassium Hydroxide	<b>CHEMICAL FAMILY:</b> Caustic	

## SECTION 2 ▼ COMPOSITION/INFORMATION OF INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENTAGE (%)
Potassium Hydroxide	1310-58-3	0.4
Nonhazardous Ingredients	N.A.	99.6

## SECTION 3 \* HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

- Danger! causes skin, eye, digestive tract and respiratory burns
- Corrosive
- Amber Colored Paste
- Target Organs: None

### ACUTE

#### GETTING IT IN YOUR EYE...

- Causes severe eye burns
- May cause irreversible eye injury
- Eye damage may be delayed

#### GETTING IT ON YOUR SKIN...

- Causes skin burns. May cause deep, penetrating ulcers of the skin

#### SWALLOWING IT...

- May cause perforation of the digestive tract
- Causes severe digestive tract burns with abdominal pain, vomiting, and possible death

#### BREATHING IT...

- Irritation may lead to chemical pneumonitis and pulmonary edema
- Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma

#### SYSTEMIC EFFECTS:

- Systemic effects are due entirely to local tissue injury

### CHRONIC

- Prolonged or repeated skin contact may cause dermatitis
- Prolong or repeated eye contact may cause conjunctivitis

### CANCER, REPRODUCTIVE AND GENETIC EFFECTS

- No data available

**SECTION 4 ✚ FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.

**SKIN:** Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Discard contaminated clothing in a manner which limits further exposure.

**INGESTION:** Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**INHALATION:** Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

NOTE TO PHYSICIAN: TREAT SYMPTOMATICALLY AND SUPPORTIVELY

**SECTION 5 ⌘ FIRE FIGHTING MEASURES**

- Substance is nonflammable; use agent most appropriate to extinguish surrounding fire

**FLASH POINT:** (Method Used) N.A.

**FLAMMABLE LIMITS:** LEL: N.A.  
UEL: N.A.

**IGNITION SEVERITY:** N.A.

**EXPLOSION SEVERITY:** N.A.

**MINIMUM EXPLOSION CONCENTRATION:** N.A.

**AUTOIGNITION TEMPERATURE:** Not Established

**EXTINGUISHING MEDIA:** Water fog, dry chemical, foam, or Carbon Dioxide (CO<sub>2</sub>).

**SPECIAL INSTRUCTIONS:** Approach fire from upwind. As in any fire, wear self contained breathing apparatus pressure demand (NIOSH/MSHA approved) and full protective gear.

**SECTION 6 ❖ ACCIDENTAL RELEASE MEASURES**

- Use proper personal protective equipment as indicated in Section 8
- Absorb with inert materials (e.g., earth or dry sand), then place into a chemical waste container

**SECTION 7 ⌘ HANDLING AND STORAGE**

Prior to working with this product workers should be trained on its proper handling and storage

- Wash thoroughly after handling
- Remove contaminated clothing and wash before reuse
- Use with adequate ventilation
- Avoid contact with eyes, skin and clothing
- Store in tightly closed container
- Keep from contact with strong acid materials
- Store in a cool, dry, well ventilated area away from incompatible substances

**SECTION 8 ⊕ EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Local exhaust ventilation may be necessary to control any air contaminants to within there exposure limits (see below) during the use of this product

**EXPOSURE LIMITS**

PEL		TLV (1999)		REL		CANADA	
POTASSIUM HYDROXIDE							
TWA	CEILING	TWA	Ceiling	TWA	Ceiling	TWA	CEILING
N.A.	2 mg/M <sup>3</sup>	N.A.	2 mg/M <sup>3</sup>	N.A.	N.A.	N.A.	2 mg/M <sup>3</sup>

**PERSONAL PROTECTIVE EQUIPMENT**

- **EYES:** Wear safety glasses or chemical goggles when handling this product (ANSI Z87.1 approved)
- **SKIN:** Wear appropriate protective clothing and gloves to prevent skin exposure
- **RESPIRATORY PROTECTION:** A NIOSH approved air purifying respirator (APR) with properly selected cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by APRs is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where APRs may not provide adequate protection.

**SECTION 9 ✧ PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT (760 MM HG):</b> 260 °F (127 °C)	<b>PERCENT VOLATILE BY VOLUME:</b> 0
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b> 1.04	<b>MELTING POINT:</b> N.A.
<b>EVAPORATION RATE (BuAc = 1):</b> Not Available	<b>VAPOR DENSITY (AIR = 1):</b> Not Established
<b>VAPOR PRESSURE AT 68 °F:</b> N.A.	<b>SOLUBILITY IN WATER:</b> Very soluble
<b>APPEARANCE AND ODOR:</b> Amber Colored Paste	

**SECTION 10 ✧ STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable under normal temperatures and pressures

**CONDITIONS TO AVOID:** Incompatible materials, acids, metals

**MATERIAL TO AVOID:** Strong acids

**HAZARDOUS POLYMERIZATION:** Has not been reported

**SECTION 11 ☼ TOXICOLOGICAL INFORMATION****POTASSIUM HYDROXIDE**

Toxic via the oral route. A human skin irritant. An experimental skin irritant. A poison. It is very corrosive and irritating to the skin, eyes and mucous membranes.

**TOXICITY**

Type Of Dose	Specie	Result
LD <sub>50</sub> (oral)	Mouse	273 mg/kg

**SKIN IRRITATION:** Human 50 mg/24 hour SEV

**EYE IRRITATION:** rabbit 1 mg/24 Hour rinse MOD

**CARCINOGENICITY**

**IARC and NTP**

Not Listed

**California(Prop 65):** Not Listed

**NIOSH:** Not Listed

**ACGIH:** Not Listed

**OSHA:** Not Listed

**MUTAGENICITY, TERATOGENICITY AND REPRODUCTIVE EFFECTS**

No Data Available

**SECTION 12 ✧ ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 ✧ DISPOSAL CONSIDERATIONS**

Any disposal practice must be in compliance with local, state, and federal laws and regulations. Do not dump into sewer, on the ground or into any body of water

**SECTION 14 ★ TRANSPORTATION INFORMATION**

NOT MEANT TO BE ALL INCLUSIVE - CHECK LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS

Agency	Shipping Name	Packing Group	Hazard Class	UN/NA #
U.S. DOT	Potassium Hydroxide Solution	II	8	UN 1814
Canadian TDG	Potassium Hydroxide Solution	2	8 (9.2)	UN 1814

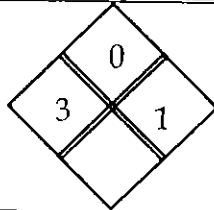
**SECTION 15 REGULATORY INFORMATION**

TSCA: All ingredients are listed on the TSCA inventory. None of the ingredients are listed under Chemical Test Rules, Section 12B, or Significant New Use Rules

CERCLA RQ's (40 CFR Part 302)	None of the ingredients are listed
RCRA	None of the ingredients are listed
SARA (40 CFR Part 355) TPQ's	None of the ingredients are listed
SARA Title III Section 313	None of the ingredients are listed
Clean Air Act - Hazardous Air Pollutants	None of the ingredients are listed
Clean Air Act - Ozone Depleting List	None of the ingredients are listed as Class 1 or 2 ozone depleters
California's Prop 65	None of the ingredients are listed
OSHA	All ingredients are listed as hazardous under 29 CFR 1910.1200
Canada's DSL/NDSL List	All ingredients listed
Canada's Ingredient Disclosure List	All ingredients listed

**SECTION 16 OTHER INFORMATION**

NFPA 704 LABEL:



HMIS LABEL

3-0-1

MSDS REVISIONS: Section 8

MSDS CREATION DATE: 11/1/94 REVISION #2: 3/9/00

**DISCLAIMER**

The information above is believed to be accurate and represents the best information currently available to the Manufacturer and MSDS developer. However, we make no warranty of merchantability or any other warrant, express or implied, with respect to such information, and we assume no liability resulting from its use. User should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall the Manufacturer or MSDS developer be liable for any claims, losses, or damage of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the Manufacturer or MSDS developer has been advised of the possibility of such damages.

MSDS DEVELOPER:

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DATE: 3 / 9 / 00