

Safety Data Sheet



C K Enterprises, Inc.
1204 SW Jefferson Street
Lee's Summit, Missouri 64081-9899
(816) 524-1304

Section 1. Chemical Product and Company Identification

Product Name Dyna Foaming Tire & Engine
Product Use Sodium Hydroxide Solution
Product Code 9830
Date of Issue 7/11/2016
Supersedes 6/5/2015

Emergency Telephone Numbers

CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

Skin Corrosion/Irritation Category 1
Serious eye damage/ eye irritation Category 1

Precautionary Statements:

P260 Do not breathe in mist/vapors/spray/fumes
P264 Wash hands thoroughly after handling
P280 Wear protective gloves, clothing and eye protection
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do not induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310 Immediately call a poison center or physician
P363 Wash all contaminated clothing before reuse
P405 Store locked up
P501 Dispose of in accordance with all federal, state and local regulations

Hazard Statements:

H314 Causes severe skin burns and eye damage

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes Causes severe burns and permanent eye damage, including blindness. Severity increases with duration of contact.
Skin Corrosive. Causes severe burns to skin.
Inhalation Dust or vapors cause irritation and/or burning to nasal passages and respiratory tract.
Ingestion Harmful or fatal if swallowed.

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Sodium Hydroxide	1310-73-2	<5
2-butoxyethanol	111-76-2	<5
Sodium Silicate	1344-09-8	<2

Section 4. First Aid Measures

- Eye Contact** Flush immediately with plenty of clean water for at least 15 minutes holding eyelids apart to ensure rinsing of the entire eye surface. Seek immediate medical attention.
- Skin Contact** Flush immediately with plenty of clean water for at least 15 minutes while removing contaminated clothing and shoes; wash before reuse. Discard contaminated shoes and leather articles. Seek medical attention.
- Inhalation** Remove person to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.
- Ingestion** DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs, keep head below hips to prevent aspiration and give fluids again. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



- Hazardous Combustion Products** N/A
- Extinguishing Media** Media applicable to surrounding fire
- Unsuitable Extinguishing Media** N/A
- Fire Fighting Procedures** Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

- Spill Clean Up** All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

Section 7. Handling and Storage

- Handling and Storage** Keep container tightly closed when not in use. Store away from strong acids. Store away from excessive heat or cold. Use plastic pump for transferring product. Keep out of the reach of children. Have eyewash accessible to use in handling area.

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Sodium Hydroxide (1310-73-2)	2mg/m ³	2mg/m ³		2mg/m ³
2-butoxyethanol (111-76-2)	50ppm	5ppm		20ppm

- Engineering Controls** Adequate ventilation is required to minimize exposure or maintain TLV. Mechanical ventilation maybe required.

**Personal Protective Equipment (PPE)**

- Eyes** Chemical splash goggles or face shield
- Body** Rubber or neoprene gloves; rubber boots and apron to prevent contact
- Respiratory** Use NIOSH approved respirator if exposure limits are reached or exceeded

Section 9. Physical and Chemical Properties

Physical State	Liquid	Explosive Limits	N/A
Color	Yellow-green	Vapor Pressure	N/A
Odor	Characteristic odor	Vapor Density	>1
Odor Threshold	N/A	Relative Density	N/A
pH	13.0-14.0	Solubility	Complete
Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	Not determined	Auto-Ignition Temp.	N/A
Flash Point	N/A	Decomposition Temp.	N/A
Evaporation Rate	<1	Viscosity	N/A
Flammability	N/A	Specific Gravity	1.055-1.075

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Acids, strong oxidizing agents
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	None
Conditions to Avoid	None

Section 11. Toxicological Information

Routes of Entry	Dermal, Oral and Inhalation
Symptoms	Irritation to severe burns and damage
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	2-butoxyethanol: IARC Group 3 (not classifiable as a human carcinogen)
Reproductive Toxicity	No information found
Target Organs	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	14,333 mg/kg	ATE determined beyond Category 4
Oral	4,544 mg/kg	ATE determined beyond Category 4
Inhalation	48.98 mg/l	ATE determined beyond Category 4

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN1824	Sodium Hydroxide Solution	8	PGII	CORROSIVE

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313:

2-butoxyethanol	111-76-2	<5%
-----------------	----------	-----

The following substances have CERCLA reportable quantity values (in pounds):

Sodium Hydroxide	1310-73-2	1,000
-------------------------	------------------	--------------

State Regulations None

Section 16. Other Information

Last Revision 7/11/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.