

# BLAST OFF

## 4150

## SAFETY DATA SHEET

### SECTION I - IDENTIFICATION

**PRODUCT TRADE NAME: Blast Off**

Chemical Family: Synthetic Detergents and Alkalis

Formula: Proprietary

Product #: 4150

Date of Issue: 7/15/2016

Supplier:

**C K ENTERPRISES, INC.**  
**1204 SW Jefferson Street**  
**Lee's Summit, Missouri 64081**  
**(816) 524-1304**

**EMERGENCY CONTACT:**

**CHEMTREC - 1-800-424-9300**

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

### SECTION II - HAZARDOUS IDENTIFICATION

DANGER



**Health Hazards**

Skin Corrosion/Irritation

Category 1

Serious eye damage/ eye irritation

Category 1

**Hazard Statements:**

-Causes severe skin burns and eye damage

**Precautionary Statements:**

- Do not breathe in mist/vapors/spray/fumes
- Wash hands thoroughly after handling
- Wear protective gloves, clothing, and eye protection
- IF SWALLOWED: Rinse mouth. Do not induce vomiting.
- IF ON SKIN (or hair): Remove all contaminated clothing immediately. Rinse skin with water/shower.
- IF INHALED: Remove victim to fresh air and keep in a position comfortable for breathing
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- Immediately call a poison center or physician if you feel unwell
- Wash all contaminated clothing before reuse
- Store locked up
- Dispose of in accordance with all federal, state and local regulations

**HMIS Code:**

HEALTH HAZARD	1
FIRE HAZARD	0
REACTIVITY	0
SPECIFIC HAZARD	

**Potential Acute Effects:**

**Eyes-** Causes irritation to eye damage, including blindness, depending on severity of contact

**Skin-** Can cause irritation to skin burns, redness and dryness

**Inhalation-** May cause nausea, dizziness, and drowsiness

**Ingestion-** May cause nausea, vomiting and diarrhea if a large quantity is ingested

### SECTION III - COMPOSITION INFORMATION

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Sodium Tripolyphosphate	7758-29-4	<5
Sodium Metasilicate	6834-92-0	<5
Sodium Hydroxide	1310-73-2	<3

### SECTION IV - FIRST AID MEASURES

Emergency First Aid Procedures:

**IN EYES:** Flush immediately with clean water for 15 minutes.

Seek medical attention.

**ON SKIN:** Wash with plenty of clean water and soap for 15 minutes. Seek medical attention if a rash occurs or irritation continues.

**INHALATION:** Remove person to fresh air. If breathing has stopped seek immediate medical attention.

**INGESTION:** Do not induce vomiting. Give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

### SECTION V - FIREFIGHTING MEASURES

**Flash Point (Method Used):** N/A

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

**Extinguishing Media:** Media applicable to surrounding fire

**Special Fire Fighting Procedures:** Use a self-contained breathing apparatus. Use water spray to cool fire-exposed containers.

**Hazardous Combustion Products:** None

### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken If Released or Spilled:** 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. Prevent exposure to the environment.



**C K Enterprises, Inc.**

## SECTION VII - HANDLING AND STORAGE

**Precautions To Be Taken In Handling and Storage:** Keep container tightly closed when not in use. Do not swallow. Do not breathe in mist, vapors, spray or fumes. Store locked up.

**Other Precautions: KEEP OUT OF THE REACH OF CHILDREN.** Have eyewash accessible to use in handling area.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Sodium Hydroxide (1310-73-2)	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	-	2mg/m <sup>3</sup>

- **Respiratory Protection:** Not normally required. Use a NIOSH approved respirator if Exposure limits are reached or exceeded.
- **Ventilation:** Local exhaust usually adequate. Use mechanical ventilation if build-up of mist or vapors is likely.
- **Protective Gloves:** Rubber or neoprene gloves
- **Eye Protection:** Chemical splash goggles or face shield
- **Other Protective Equipment:** Rubber boots and apron as needed to prevent contact.
- **Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	209°F
<b>Specific Gravity (Water = 1):</b>	1.08-1.12
<b>Vapor Pressure:</b>	N/A
<b>Vapor Density (Air = 1):</b>	N/A
<b>Evaporation Rate (Water = 1):</b>	N/A
<b>Solubility in Water:</b>	Soluble
<b>pH @ 100% solution:</b>	13.0-14.0
<b>Appearance/Odor:</b>	Green liquid; Mild odor

## SECTION X - STABILITY AND REACTIVITY

**Stability Data:** Stable

**Incompatibility:** Strong acids and strong oxidizers

**Hazardous Decomposition Products:** N/A

**Hazardous Polymerization:** Will not occur

## SECTION XI - TOXICOLOGICAL INFORMATION

<b>Routes of Entry</b>	Dermal, oral and inhalation
<b>Symptoms</b>	Irritation to burns
<b>Skin Irritant</b>	Yes
<b>Eye Irritant</b>	Yes
<b>Sensitizers</b>	Not determined
<b>Mutagenicity</b>	No information found
<b>Carcinogenicity</b>	None
<b>Reproductive</b>	No information found
<b>Target Organs</b>	None
<b>Aspiration Hazards</b>	Not classified

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

Test	Results	Basis
<b>Dermal</b>	60,313 mg/kg	ATE determined beyond Category 4
<b>Oral</b>	9,317 mg/kg	ATE determined beyond Category 4
<b>Inhalation</b>	47.9 mg/l	ATE determined beyond Category 4

## SECTION XII - ECOLOGICAL INFORMATION

No ecological information available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with all Federal, State and Local pollution control regulations.

## SECTION XIV - TRANSPORT INFORMATION

**Proper Shipping Name:** Sodium Hydroxide Solution

**D.O.T. Classification:** 8/CORROSIVE/UN1824/PGII

**D.O.T. Placard:** UN1824/Corrosive

**Precautions to be taken in transportation:** Keep container tightly closed.

## SECTION XV - REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

**CAS #**

**Chemical Name:** None

**Percent by Weight:**

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

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

## SECTION XVI - OTHER INFORMATION

**Date Issued:** 7/15/2016

**Supersedes:** 7/7/2014

This information must be included in all Safety Data Sheets that are copied and distributed for this material.

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.