

Supplied By:



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Material Safety Data Sheet

**EMERGENCY PHONE:
1-800-535-5053**

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 1: Product Identification

Product Name: FRYER BOIL OUT
Product Number: K717
Product Use: Deep Fat Fryer Cleaner
DOT Shipping Name: Caustic Alkali Liquids, NOS (Potassium Hydroxide), 8, UN1719, PG II

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity	CAS No.	ACGIH TLV
Potassium Hydroxide	1310-58-3	2mg/m3
Tetrapotassium Pyrophosphate	7320-34-5	N/A

This product does contain toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1988.

Section 3: Physical Data

Color: Orange **Odor:** Mild **Physical State:** Liquid
Boiling Point: Similar to Water **Vapor Pressure:** Similar to Water
Specific Gravity: 1.271 **Solubility in Water:** Complete
Vapor Density in Air (Air=1): Similar to Water
Evaporation Rate: Similar to Water **% Volatile, By Volume:** None
% Volatile, By Volume: None

Section 4: Fire and Explosion Hazard Data

Flash Point (Method Used): None
Flammable Limits in Air: N.A.
Extinguishing Media: N.A.
Unusual Fire and Explosion Hazards: Firefighters should wear self-contained positive breathing apparatus, and avoid skin contact.

Section 5: Reactivity Data

Chemical Stability: Stable
Conditions to Avoid: Mixture with acid or incompatible materials can cause splattering and release of large amounts of heat.
Incompatibility (Materials to avoid): Acids, Chlorinated hydrocarbons, chlorine dioxide, phosphorus, potassium persulfate, and tetrahydrofuran
Hazardous Decomposition Products: Will not decompose
Hazardous Polymerization: Will not occur

Section 6: Toxicological Properties

Exposure Limits:	ACGIH	OSHA
Sodium Hydroxide	2mg/3 Ceiling	None

Medical Conditions Aggravated by Exposure: No known medical conditions aggravated by exposure.
Acute Toxicity:
Eyes: Major potential hazard-Liquid in the eye can cause severe destruction and blindness. These effects can occur rapidly affecting all parts of the eye. Mist can cause irritation with high concentrations causing destructive burns.
Skin: Major potential hazard-contact with the skin can cause severe burns with deep ulcerations. Contact with solution of mist can cause multiple burns with temporary loss of hair at burn site. Solutions may not cause immediate pain or irritation upon skin contact. Prolonged or repeated contact with dilute solutions may cause drying and cracking of skin and possible skin damage.
Ingestion: Ingestion can cause severe burning and pain in mouth, throat, esophagus and stomach. Severe scarring of the throat can occur after swallowing. Death can result from ingestion.
Inhalation: Inhalation of solution mist can cause mild irritation at 2mg/m3. More severe burns and tissue damage of the upper respiratory tract, can occur at higher concentrations. Pneumonitis can result from severe exposure.
Chronic Toxicity: Chronic skin contact may cause dermatitis. This product does not contain any materials listed on the IARC, OSHA, or NTP carcinogen lists.

Section 7: Preventative & Control Measures

Respiratory Protection: For levels which exceed or are likely to exceed 2mg/m3 use approved high-efficiency particulate filter with full face piece or self-contained breathing apparatus. Follow any applicable respirator use standards and regulations.
Ventilation: As necessary to maintain concentration in air below 2mg/m3 at all times
Skin Protection: Wear neoprene, PVC, or rubber gloves.
Eye Protection: Wear safety glasses or splashproof chemical goggles.
Hygiene: Avoid contact with skin. Do not eat, drink or smoke in work area. Wash hands prior to eating, drinking, or using restroom. Any protective clothing which becomes contaminated should be thoroughly cleaned before reuse.
Other Control Measures: Safety shower and eye wash should be located in work area.
STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Small amounts of product can be diluted and rinsed to drain with water. Larger amounts should be contained and recovered. Clean-up personnel should follow all safety precautions during clean-up.
Waste Disposal: Dispose of in accordance with all local, state and federal regulations.

Section 8: Emergency First Aid Procedures

First Aid Notes to Physician:

Eyes: Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes.
Get medical attention immediately.
Skin: Remove contaminated clothing immediately and wash skin thoroughly for a minimum of 15 minutes with large quantities of water (preferably a safety shower). **Get medical attention immediately.**
Ingestion: If the person is conscious, give large quantities of water to dilute product. Do NOT induce vomiting. **Get medical attention immediately.**
Inhalation: Move person to fresh air. If breathing stops, administer artificial respiration. **Get medical attention immediately.**

Section 9: Storage and Handling Precautions

KEEP FROM FREEZING
Store in closed, properly labeled containers.
DO NOT remove or deface labels.
Use of this product should be limited to properly trained individuals.

Section 10: Precautionary Information

Danger! Causes severe chemical burns. Eye contact may cause blindness. Harmful skin contact may not cause immediate pain. **Immediate water flushing is vital in case of eye contact. If swallowed can cause severe burns and complete tissue perforation of mucous membranes of the mouth, throat, esophagus and stomach. Inhalation can cause severe irritation and burns of upper respiratory tract and lungs depending on exposure.**

Section 11: Preparation Information

Prepared By: Regulatory Affairs Department
Phone: 812-336-4817
Date of Preparation: April, 2004

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.



Product information sheet: **Fryer Boil Out**

Areas for use

Liquid cleaner for deep fat fryers.



4/1 GALLON
CASE

Directions for use

Deep Fat Fryers



Fill fryer with water. Add 1/2 cup of product per gallon of water. Heat solution. Let stand 5-10 minutes. Dispose of soiled water and cleaner. Rinse well with water.