Identification: 1.

Product Identity: Fry Clean

Recommended Use: Water-Based Cleaner/Degreaser

Producer / Distributor

Dalco

300 5th Ave. NW New Brighton, MN 55112

Telephone Number for Information: 800-950-1975 **Emergency Telephone Number:** 800-278-<u>6176</u>



Acute Aquatic Toxicity Category 3

Hazard Identification:

Classification:

Health Class Physical Class Environment Class

Corrosive to Metal

Acute Toxicity Category 5 Skin Corrosion Category 1 Serious Eye Damage Category 1 Reproductive Toxicity Category 2 Specific Target Organ Toxicity Category 1

Label

Symbols





Hazard Statements:

Maybe harmful if swallowed

Causes severe skin burns and eye damage

Suspected of damaging fertility or the unborn child.

Cause damage to organs

Precautionary Statements:

If Swallowed: Immediately Call a Poison Center/Doctor/...if you feel unwell.

Wear protective gloves/clothing/eye protection/face protection.

If Swallowed: Rinse mouth. Do NOT induce vomiting.

If On Skin (or Hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

If Inhaled: Remove person to fresh air and keep comfortable for breathing.: Immediately call a Poison Center/doctor if you feel unwell.

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store locked up.

Dispose of contents/containers in accordance with local regulations

Do not handle until all safety precautions have been read and understood.

IF exposed or concerned: Get medical advice/attention.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash hands thoroughly after handling.

Do not eat, drink, or smoke when using this product. If exposed or concerned: Call a doctor.

3. Composition/Information on Ingredients

Percent by **CAS Number** Ingredient Weight 1310-73-2 15 - 25 Sodium Hydroxide Alkyl-Imino Acid Sodium Salt 14960-06-6 1 - 5 50 - 100 Water 7732-18-5

First-Aid Measures:

Ingestion: If Swallowed: Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by

mouth to an unconscious person.

Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.

Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. Inhalation: If ill effects occur from breathing vapors, remove to fresh air and obtain medical attention.

5. Fire Fighting Measures:

Suitable Extinguishing Media: Not Applicable Special Fire Fighting Procedures: Not Applicable Unusual Fire and Explosion Hazards None are known

Accidental Release Measures:

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum. Thoroughly rinse affected area with water.

7. Handling and Storage:

Handling: Keep out of reach of children. Wear personal protective equipment when using this product use with adequate ventilation

Storage: Store only in original containers. Do not contaminate food or water by storage or disposal.

8. Exposure Controls / Personal Protection:

Exposure Limits:

IngredientsCAS NumberOsha PELACGIH TLVSodium Hydroxide1310-73-22 mg/M32 mg/M3

Exposure Controls:

Engineering Controls: Normal good ventilation is sufficient

Personal Protective Equipment:

Eye Protection: Approved Safety Goggles, Face shield is recommended

Skin Protection: Chemical Resistant Rubber Gloves

Respiratory Protection: Not Required

9. Physical and Chemical Properties:

Physical State: Liquid pH: > 13.5

Appearance: Clear Specific Gravity (H20 = 1): 1.26

Odor: Mild Flammability: None
Solubility: Complete Flash Point: None

Evaporation Rate: NA **Boiling Point:** > 212° F (100°C)

Vapor Pressure (MM HG): NA %volatile: 60 - 100%

Vapor Density (Air = 1): < 1

10. Stability and Reactivity:

Chemical Stability: Stable

Possibility of Hazardous Reactions: None are known

Incompatability (Materials to Avoid): Amphoteric Metals (Aluminum, Copper, Zinc), Halogenated Hydrocarbons, Inorganic and Organic Acids

Hazardous Decomposition or By-products: None

Hazardous Polymerization: Will not Occur

Conditions to Avoid: Contact with some Metals can generate explosive Hydrogen Gas

11. Toxicological Information:

Signs and Symptoms of Overexposure: Eye Contact: Possible burning, redness and corneal damage. Skin Contact: Possible slippery

feeling, redness, swelling and burns. Symptoms may be delayed.

Acute Effects:

Eye Contact: Severe Eye damage can result from direct contact.

Skin Contact: Causes severe skin burns

Inhalation: None Known

Ingestion: May be harmful if swallowed

Target Organ Effects: Skin, Eyes and Suspected of damaging fertility or the unborn child.

Chronic Effects: May cause damage to organs

Acute Toxicity Values:

Oral LD $_{50} = 2000 - 5000 \text{ mg/kg}$ Dermal LD $_{50} = 2000 - 5000 \text{ mg/kg}$ Inhalation (Vapor) LC $_{50} = 20 - 50 \text{ mg/l}$

12. Ecological Information:

Persistence and Degradability: Not Available Bio Accumulative Potential: Not Available

Mobility in Soil: Not Available

Aquatic Toxicity: Harmful to Aquatic Life

13. Disposal Considerations:

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

14. Transportation Information:

UN Number: UN3266

Shipping Name: Corrosive, Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide)

Transport Hazard Class: 8
Packing Group: II

Packing Group: II Marine Pollutant: NO

15. Regulatory Information:

TSCA Status: All ingredients listed

Clean Water Act: Sodium Hydroxide (1310-73-2) is listed in the Clean Water Act as a Hazardous Substance.

Clean Air Act: None of the chemicals in this product are listed under the CAA **CERCLA Reportable Quantity:** Sodium Hydroxide (1310-73-2), > 1000 lbs.

SARA Title III Information:

Section 302 Extremely Hazardous Chemicals: None Listed

Section 311 / 312 Hazard Category: Immediate Health, Chronic Health

Section 313 Toxic Chemicals: None Listed

State Regulations: Notice State of California; Warning; This product may contain chemicals known to the state of California to cause cancer or

reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.

International Regulations: None

16. Other Information:

Prepared By: Ron Camp

Telephone Number: 651-481-1900

Revision Date: 7/8/2013 **Supersedes:** 6/7/2013

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Health	3
Flammability	0
Physical hazards	1