

SAFETY DATA SHEETaccording to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 11/22/2021**Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking****1.1 – Product Identifier**

Product Form: Mixture

Product Name: Fast-1-2-3 EFP Alkaline Detergent

Product Code: 4450-01

1.2 – Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use of the Substance/Mixture: Cleaning (liquids)

1.3 – Details of the Supplier of the Safety Data Sheet

Sold By: Gabriel First Corp.

Address: PO Box 191

East Rochester, NY 14445

Telephone: 585-381-7000

1.4 – Emergency Telephone Number

Emergency Number: 800-424-9300

Section 2 – Hazards Identification**2.1 – Classification of the Substance or Mixture**

Classification (GHS-US)

Skin Irrit. 2: H315 - Causes skin irritation

Eye Irrit. 2A: H319 - Causes serious eye irritation

Full text of H-phrases: see Section 16

2.2 – Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US):



GHS07

Signal word (GHS-US):

Warning.

Hazard Statements (GHS-US):

H315 - Causes skin irritation

H319 - Causes serious eye irritation.

Precautionary Statements (GHS-US):

P264 - Wash hands and forearms thoroughly after handling.

P280 - Wear protective gloves/eye protection/face protection.

P302+P352 - If on skin: Wash with plenty of soap and water.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P321 - Specific treatment (see First aid measures on this label).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3 – Other Hazards

No additional information available.

2.4 – Unknown Acute Toxicity (GHS-US)

Not applicable.

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Section 3 – Composition/Information on Ingredients

3.1 – Substance

Not applicable.

3.2 – Mixture

Name	Product Identifier	%	Classification (GHS-US)
Potassium Hydroxide, 45%=<conc<50%, aqueous solutions	(CAS No) 1310-58-3	1 - 5	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314

Full text of H-phrases: see Section 16

Section 4 – First Aid Measures

4.1 – Description of First Aid Measures

First-Aid Measures General:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-Aid Measures After Inhalation:	Allow victim to breathe fresh air. Allow the victim to rest.
First-Aid Measures After Skin Contact:	Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see First Aid measures on this label).
First-Aid Measures After Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-Aid Measures After Ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 – Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Injuries After Skin Contact:	Causes skin irritation.
Symptoms/Injuries After Eye Contact:	Causes serious eye irritation.

4.3 – Indication of Any Immediate Medical Attention and Special Treatment Needed

No additional information available.

Section 5 – Firefighting Measures

5.1 – Extinguishing Media

Suitable Extinguishing Media:	Foam. Dry powder. Carbon Dioxide. Water spray. Sand.
Unsuitable Extinguishing Media:	Do not use a heavy water stream.

5.2 – Special Hazards Arising From the Substance or Mixture

No additional information available.

5.3 – Advice for Firefighters

Firefighting Instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection During Firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 – Accidental Release Measures

6.1 – Personal Precautions, Protective Equipment and Emergency Procedures

6.1.1: For Non-Emergency Personnel	
Emergency Procedures:	Evacuate unnecessary personnel.
6.1.2: For Emergency Responders	
Protective Equipment:	Equip cleanup crew with proper protection.
Emergency Procedures:	Ventilate area.

6.2 – Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 – Methods and Material for Containment and Cleaning Up

Methods for Cleaning Up:	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
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6.4 – Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

Section 7 – Handling and Storage

7.1 – Precautions for Safe Handling

Precautions for Safe Handling:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Hygiene Measures:

Wash hands and forearms thoroughly after handling.

7.2 – Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions:

Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use.

Incompatible Products:

Strong bases. Strong acids.

Incompatible Materials:

Sources of ignition. Direct sunlight.

Section 8 – Exposure Controls/Personal Protection

8.1 – Control Parameters

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)

ACGIH	Remark (ACGIH)	URT, eye, & skin irr
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8.2 – Exposure Controls

Personal Protective Equipment:

Avoid all unnecessary exposure.

Hand Protection:

Wear protective gloves/eye protection/face protection.

Eye Protection:

Chemical goggles or safety glasses.

Skin and Body Protection:

Wear suitable protective clothing.

Respiratory Protection:

Wear appropriate mask.

Other Information:

Do not eat, drink or smoke during use.

Section 9 – Physical and Chemical Properties

9.1 – Information on Basic Physical and Chemical Properties

Physical State:	Liquid
Color:	Yellow clear
Odor:	Mild
Odor Threshold:	No data available
pH:	11.4
Melting Point:	No data available
Freezing Point:	No data available
Boiling Point:	212 - 220 °F
Flash Point:	200 °F
Relative Evaporation Rate (Butyl Acetate=1):	No data available
Flammability (Solid, Gas):	No data available
Explosion Limits:	No data available
Explosive Properties:	No data available
Oxidizing Properties:	No data available
Vapor Pressure:	No data available
Relative Density:	1.06
Relative Vapor Density at 20 °C:	Same as water

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Solubility:	Soluble in water. Water: Solubility in water of component(s) of the mixture : •: •: 9 % •:
Log Pow	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Viscosity, Kinematic	No data available
Viscosity, Dynamic:	No data available

9.2 – Other Information

No additional information available.

Section 10 – Stability and Reactivity

10.1 – Reactivity

No additional information available.

10.2 – Chemical Stability

Stable under normal conditions.

10.3 – Possibility of Hazardous Reactions

Not established.

10.4 – Conditions to Avoid

Direct sunlight. Extremely high or low temperatures.

10.5 – Incompatible Materials

Strong acids. Strong bases.

10.6 – Hazardous Decomposition Products

Fume. Carbon Monoxide. Carbon Dioxide.

Section 11 – Toxicological Information

11.1 – Information on Toxicological Effects

Acute Toxicity: Not classified

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
LD50 oral rat	273 mg/kg (Rat)
ATE US (oral)	273.000 mg/kg body weight

Skin Corrosion/Irritation:	Causes skin irritation. pH: 11.4
Serious Eye Damage/Irritation:	Causes serious eye irritation. pH: 11.4
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (single exposure):	Not classified
Specific Target Organ Toxicity (repeated exposure):	Not classified
Aspiration Hazard:	Not classified
Potential Adverse Human Health Effects and Symptoms:	Based on available data, the classification criteria are not met.
Symptoms/Injuries after Skin Contact:	Causes skin irritation.
Symptoms/Injuries after Eye Contact:	Causes serious eye irritation.

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Section 12 – Ecological Information

12.1 – Toxicity

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
LC50 fish 2	80 mg/l (LC50; 96 h)

12.2 – Persistence and Degradability

Fast-1-2-3 EFP	
Persistence and degradability	Not established.

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the components available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable

12.3 – Bioaccumulative Potential

Fast-1-2-3 EFP	
Bioaccumulative potential	Not established.

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Bioaccumulative potential	Not bioaccumulative.

12.4 – Mobility in Soil

No additional information available

12.5 – Other Adverse Effects

Effect On The Global Warming: No known ecological damage caused by this product.
Other Information: Avoid release to the environment.

Section 13 – Disposal Considerations

13.1 – Waste Treatment Methods

Waste Disposal Recommendations: Dispose in a safe manner in accordance with local/national regulations.
Ecology - Waste Materials: Avoid release to the environment.

Section 14 – Transport Information

Department of Transportation (DOT)

In Accordance With DOT: Not regulated for transport.
TDG: No additional information available.
Transport by Sea: No additional information available.
Air Transport: No additional information available.

Section 15 – Regulatory Information

15.1 – US Federal Regulations

Potassium Hydroxide, 45%=<conc<50%, aqueous solutions (1310-58-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not listed on the United States SARA Section 313	
RQ (Reportable quantity, Section 304 of EPA's List of Lists)	1000 lb

15.2 – International Regulations

CANADA
 No additional information available.



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EU-Regulations

No additional information available.

National Regulations

No additional information available.

15.3 – US State Regulations

No additional information available.

Section 16 – Other Information

Revision Date: 11/22/2021

Other Information: None.

Full Text of H-phrases:

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Irrit. 2	Skin corrosion/irritation Category 2
H301	Toxic if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation

HMIS III Rating

Health: 1 - Slight Hazard - Irritation or minor reversible injury possible

Flammability: 0 - Minimal Hazard - Materials that will not burn

Physical: 0 - Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection: B
 B – Safety glasses, Gloves

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.