

Safety Data Sheet



EndoQuick

Section 1

Product Description

Product Name: EndoQuick
Manufacturer: Best Sanitizers, Inc.
PO Box 1360
Penn Valley, CA 95946

Chemical Information Emergency:
Chemtrec 1.800.424-9300

Section 2

Hazard Identification

Classification of the substance or mixture:

Skin Corrosion or Irritation. Category 2
Serious Eye damage. Category 1
Acute oral toxicity. Category 5

Danger



Appearance—Aqueous solution
Physical state—Liquid
Odor— Odorless

Hazard Statements

Causes skin irritation.
Causes serious eye damage.
May be harmful if swallowed.

Precautionary Statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Causes severe eye damage.
Read label before use.
Do not eat, drink or smoke when using this product.
May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
Wash skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Keep only in original container. Store locked up.
Dispose of contents and container as instructed in Section 13.

Safety Data Sheet

Section 3

Composition/Information on Ingredients

Chemical Name	CAS No.	Weight-%
Potassium Hydroxide	1310-58-3	< 5
Sodium Xylene Sulphonate	1300-72-7	< 11
Purified water	7732-18-5	< 57

Section 4

First Aid Measures

First Aid Measures

Eye Contact

Hold eye(s) open and rinse slowly and gently with water for 15 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye(s). Seek medical advice/attention.

Skin Contact

Wash affected area with water. Rinse/flush exposed skin gently using water for at least 15 minutes. Remove contaminated clothing. Seek immediate medical attention.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. Seek immediate medical attention if discomfort or irritation persists.

Ingestion

Rinse mouth thoroughly. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink large quantities of water. Seek medical attention if irritation, discomfort or vomiting persists.

Most important symptoms and effects, both acute and delayed

Irritation/burns. Shortness of breath. May cause severe burns, blindness and/or permanent damage. May cause burns, deep penetrating ulcerations of the skin, delayed tissue destruction, redness, pain. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Indication of any immediate medical attention and special treatment needed

If seeking medical attention, provide SDS document to physician.

Safety Data Sheet

Section 5

Fire-Fighting Measures

Suitable Extinguishing Media

Dry Chemical, Water spray (fog), Carbon dioxide (CO₂), Foam.

Unsuitable Extinguishing Media

No Information available.

Specific hazards arising from the chemical

Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Water may be used to cool containers. Ensure that no spillage enters drains or watercourses. Remove from the vicinity containers not involved in the fire.

Section 6

Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Use personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas. Keep unprotected persons away. Keep away from ignition sources. Protect from heat. Stop the spill if possible. Contain spilled material by diking or using inert absorbent.

Environment Precautions

Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment

Stop leak if safe to do so. Contain spill with liquid binding material, such as toweling or diatomaceous earth. Allow the inert material to absorb the spill, then place in an appropriate waste disposal container.

Always obey local regulations. Place into properly labeled containers for recovery or disposal. If necessary, use trained response staff/contractor.

Methods for cleaning up

Collect spilled material in a covered container. Prevent spill from entering sewers or waterways. Collect and dispose of spilled material according to local, state and federal regulations. Wash away remnants with copious amounts of cold water.

Section 7

Handling and Storage

Precautions for Safe Handling

Advice on Safe Handling

Any non-intended or non-authorized use of this product may result in severe personal injury or damage to equipment. Follow good hygiene procedures when handling chemical materials. Do not eat, drink or smoke or use personal products when using this product. Do not handle with incompatibles. Avoid splashes.

Safety Data Sheet

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep Containers tightly closed in a dry, cool and well-ventilated place. Store product in original container. Wash hands and face thoroughly after handling and before breaks. Keep away from food stuffs. Store with like hazards. Protect from freezing. Store in a cool (0-30°C/32-86°F), dry, well ventilated area away from incompatible materials.

Section 8

Protection Information

Control Parameters:

1310-58-3 Potassium Hydroxide, OSHA PEL-2 mg/m³ Ceiling.
1310-58-3 Potassium Hydroxide, ACGIH TLV-2 mg/m³ Ceiling.

Appropriate Engineering Controls

Engineering Controls

Emergency eyewash fountains and safety showers should be available in the immediate vicinity of use/handling. Ensure adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of airborne concentrations below the applicable workplace exposure limits.

Safety Data Sheet

Individual Protection Measures, such as personal protective equipment

Eye/Face protection	Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear impermeable and resistant to the product/ substance/preparation protective gloves. Selection of glove material on consideration of the penetration times, rates of diffusion and degradation.
Respiratory protection	Not required under normal conditions of use. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene	The usual precautionary measures are to be adhered to when handling chemicals. Keep away from food, beverages and feed sources. Immediately remove all soiled and contaminated clothing. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing and shoes before reuse. Do not Eat, Drink or Smoke when using this product. Do not inhale gases/fumes/dust/mist/vapors/aerosols. Avoid contact with the eyes and skin.

Section 9

Physical and Chemical Properties

Information on basic physical and chemical properties

Formula:	See Section 3	Physical State:	Liquid
Odor:	Odorless	Appearance:	Aqueous solution
Odor Threshold:	Not Determined	Color:	Colorless to faint yellow

<u>Property</u>	<u>Values</u>
pH	> 13.5
Melting Point/Freezing Point	0°C
Boiling Point/Boiling Range	100°C
Flash Point	Not Applicable.
Evaporation rate	Not Determined.
Flammability (solid, gas)	Not Applicable.
Flammability Limit in Air	
Upper flammability limit:	Not Applicable.
Lower flammability limit:	Not Applicable.
Vapor pressure:	Not Applicable.
Vapor density:	Not Applicable.
Specific Gravity	1.09
Solubility	Miscible in water.
Partition coefficient	No Determined.
Autoignition temperature	Not Determined.
Decomposition temperature	Not Determined.
Kinematic viscosity	No information available.
Dynamic viscosity	No information available.

Safety Data Sheet

Section 10

Stability and Reactivity Data

Reactivity	None.
Chemical Stability	Stability under normal ambient storage conditions.
Possibility of Hazardous Reactions	Not known.
Conditions to avoid	Avoid high temperatures during shipment and temporary, short-term storage. Protect against physical damage and freezing.
Incompatible materials	Store away from oxidizing agents, strong acids or bases, aluminum, tin, zinc, chlorinated hydrocarbons, acetone.
Hazardous Decomposition Products	Not known.

Section 11

Toxicity Data

Acute Toxicity:

Sensitization	No Information Available
Germcell mutagenicity	No Information Available
Carcinogenicity	No Information Available
Reproductive toxicity	No Information Available
STOT single exposure	No Information Available

Chronic:

Ingestion	None known.
Eyes	May cause permanent damage.
Skin	None known.
Inhalation	None known.

TOXICITY DATA

Potassium Hydroxide	LD50 365mg/kg (oral, rat)
Sodium Xylene Sulfonate	LD50 650mg/kg (oral, rat) , LD50 5939mg/kg (oral, mouse)

Safety Data Sheet

Section 12

Ecological Data

Ecotoxicity

No Information Available

Persistence and degradability

No Information Available

Bioaccumulation

Not Bioaccumulative.

Mobility in soil

No Information Available.

Other adverse effects

No additional information.

Section 13

Disposal Information

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not dispose together with household garbage. Do not allow product to reach sewage system or open water.

Section 14

Transport Information

DOT
UN Number 1719

Class 8 Caustic Alkali Liquid
Packing Group III
May be transported as Limited Quantity.

Section 15

Regulatory Information

International Inventories

TSCA	Complies
DSL/NDSL	Complies

Legend:

TSCA—United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL—Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization of 1986 (SARA).

None of the ingredients is listed.

SARA 311/312

Potassium Hydroxide: immediate health hazard.

Safety Data Sheet

US State Regulations

California Proposition 65

None of the ingredients are listed.

Section 16

Additional Information

<u>NFPA</u>	Health Hazards	Flammability	Instability	Physical and Chemical Properties
	3	0	1	0
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal protection
	3	0	1	X

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Disclaimer

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End of Safety Data Sheet

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