

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name	Alkalinity Test Kit
CAS number	See section 3
Synonyms	No additional information

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Laboratory Chemicals, Testing Alkalinity
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1.3 Details of the supplier of the safety data sheet

Company	Lab Alley, LLC 12501 Pauls Valley Road Austin, Texas 78737 U.S.A.
Telephone	512-668-9918
Fax	512-886-4008

1.4 Emergency telephone

Emergency Phone #	US & Canada: 1-800-535-5053	INFOTRAC
	International 1-352-323-3500	INFOTRAC

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin Corrosion Cat-1B
Serious Eye Damage Cat-1

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal Word

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dusts or mists.

P264 Wash hands thoroughly after handling.

P281 Use personal protection equipment as required.

P301+P330+P331 IF SWALLOWED: Rinse mouth, do not induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 Immediately call a POISON CENTER/doctor/physician.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Causes eye burns. May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

SECTION 3: Composition/information on ingredients

3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Glycerine	-	7732-18-5	85-99%
Hydrochloric Acid 15%	-	7647-01-0	.5-15

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice

Show this safety data sheet to the doctor in attendance.

If inhaled

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek medical attention.

In case of skin contact

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If irritation develops and persists, seek medical attention.

In case of eye contact	Do not rub eyes. Immediately flush eyes with water for at least 15 minutes, while keeping eyelids open. If irritation develops and persists, seek medical attention.
If swallowed	If ingested, do not induce vomiting. If alert and conscious, remove material from mouth and rinse. Give 2 to 4 cups of water to dilute. Seek medical attention if large amount is ingested.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Use suitable media to extinguish surrounding fire.

Unsuitable extinguishing media None known.

5.2 Specific hazards arising from the substance or mixture

None known.

5.3 Special protective equipment and precautions for firefighters

Full protective clothing and approved self-contained breathing apparatus required for fire personnel.

5.4 Further information

Flash Point Not determined.

Autoignition Temperature Not determined.

Explosion limits

Upper Not determined.

Lower Not determined.

Sensitivity to Mechanical Impact Not determined.

Sensitivity to Static Discharge Not determined.

NFPA

No additional information.

NFPA

Health	Flammability	Instability	Physical hazards
3	0	0	

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use proper personal protective equipment, see section 8.

6.2 Environmental precautions

Prevent from entering sewers and waterways.

6.3 Methods and materials for containment and cleaning up

Ventilate area. Isolate and contain spill. Use dry methods to collect spilled materials. Avoid generating dust. Place material in suitable container for reclamation or disposal.

6.4 Reference to other sections

See section 8 for PPE.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Wear suitable personal protective equipment.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed. Store in a cool, dry, well-ventilated area. Store away from incompatibles.

Incompatibilities

Strong oxidizing agents and strong acids.

SECTION 8: Exposure controls/personal protection

8.1 Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Not established.

US. ACGIH Threshold Limit Values

Not established.

US. NIOSH: Pocket Guide to Chemical Hazards

Not established.

8.2 Exposure controls

Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels minimum.

Personal protective equipment

Eye/face protection

Use safety glasses with side-shields or splash goggles.

Skin protection

Use chemical resistant gloves. Clothing should cover arms and legs.

Body Protection

Clothing should cover arms and legs.

Respiratory protection

Not required, but if dust is generated, use adequate respiratory protection.

Control of environmental exposure

Maintain good hygiene, housekeep regularly, and work in ventilated areas.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical State	Liquid
Appearance	Orange
Odor	Odorless
Odor Threshold	Not applicable
pH	1.69
Melting Point/Range	Not Determined
Boiling Point/Range	Not applicable
Evaporation Rate	Not applicable
Flammability (solid)	Not Determined
Flammability or explosive limit	
Upper	Not Determined
Lower	Not Determined
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Specific Gravity	0.9968
Solubility	Soluble in water
Partition coefficient; n-octanol/water	Not Determined
Autoignition Temp	Not Determined
Decomposition Temp	Not Determined
Viscosity	Not applicable
Molecular Formula	Not applicable as product is solution
Molecular Weight	Not applicable as product is solution
VOC Content(%)	Not applicable
Oxidizing properties	Not Determined

9.2 Other safety information

No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Product is not be reactive under recommended conditions of storage and use.

10.2 Chemical stability

Product is stable under recommended conditions of storage and use.

10.3 Possibility of hazardous reactions

Hazardous reactions should not occur under recommended conditions of storage and use.

10.4 Conditions to avoid

Dust generation, moisture.

10.5 Incompatible materials

Strong oxidizing agents and strong acids.

10.6 Hazardous decomposition products

Irritating and toxic fumes may be generated by thermal decomposition.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product Information, Component Information

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

May cause eye irritation. Based on available data, classification criteria are not met.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

Not classified as a carcinogen.

Specific target organ toxicity - single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Reproductive toxicity

No data available.

Chronic effects

No known effects from chronic exposure.

11.2 Additional Information

No additional information.

SECTION 12: Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bio accumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1 Waste Disposal Methods

Disposal should be made in accordance with federal, state, and local regulations.

SECTION 14: Transport information

DOT (US)

UN Number

Not regulated

Proper Shipping name	Not regulated
Hazard Class	None
Packaging Group	Not regulated
Technical name	Alkalinity Test Kit

IMDG

UN Number	Not regulated
Proper Shipping name	Not regulated
Hazard Class	None
Packaging Group	Not regulated
Technical name	Alkalinity Test Kit

IATA

UN Number	Not regulated
Proper Shipping name	Not regulated
Hazard Class	None
Packaging Group	Not regulated
Technical name	Alkalinity Test Kit

SECTION 15: Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not Listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
Hydrochloric Acid= 5,000 HS TQ

SARA 304 Emergency release notification
Not Listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)
Not Listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

This product does not contain ingredients listed as an Extremely Hazardous Substance.

SARA 311/312 Hazardous
No hazards listed.

SARA 313 (TRI reporting)

This product does not contain ingredients on the List of Toxic Chemicals.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not listed.

Safe Drinking Water Act

Hydrochloric Acid= 5,000,000 HS TQ

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Not Listed.

US state regulations

US. Massachusetts RTK - Substance List

Not listed.

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

California Proposition 65

Not listed.

SECTION 16: Other information

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SECTION 17: Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.