

HELENA LABORATORIES**SAFETY DATA SHEET**

DATE PREPARED: 7/24/2025

REVISION: 6

1. IDENTIFICATION**Product name:** V8 Maintenance Buffer**Product number:** 1832**Recommended use of the chemical and restrictions in use:** For In-Vitro Diagnostic use**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

Helena Laboratories
1530 Lindbergh Dr.
Beaumont, TX 77707
Tel: (409) 842-3714
USA Toll Free 800-231-5663

Emergency phone number:
(409) 842-3714

2. HAZARD IDENTIFICATION**GHS Classification in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200)****Corrosive to metals:** Category 1**Skin Corrosion/irritation:** Category 2**Serious Eye Damage/Irritation:** Category 1**Label elements:****Signal word:** Danger**Hazard Statements**

May be corrosive to metals
Cause skin irritation
Cause serious eye irritation

Precautionary Statements:

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Keep only in original container

Potential Health Effects:

Skin: May be harmful if absorbed through skin. Causes skin burns

Eye: Cause eye burns

Ingestion: May be harmful if swallowed

Hazards not otherwise classified (HNOC) None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Concentration
Sodium Hydroxide	1370-73-2	< 4 %

4. FIRST AID MEASURES**Description of first aid measures:**

Inhalation: If breathed in, move person into fresh air. Consult a physician

Skin contact: Remove all contaminated clothes and footwear immediately. Wash off with soap and plenty of water. Consult a physician

Eye contact: Flush eyes with plenty of water for at least 15 minutes and consult a physician

Ingestion: If swallowed do not induce vomiting. Rinse mouth with water. Consult a physician

5. FIREFIGHTING MEASURES

Not flammable or combustible.

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Specific hazards arising from the substance or mixture: Hazard decomposition product formed under fire conditions, - sodium oxides.

The product causes burns of eyes, skin and mucous membranes.

Special protective equipment and precautions for firefighters: Wear self contained breathing apparatus for fire-fighting if necessary

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Ensure adequate ventilation. Use personal protective equipment as required.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material. Keep in suitable closed container for disposal.

Should not be released into environment

7. HANDLING AND STORAGE

Precautions for safe handling: Wear personal protective equipment. Avoid contact with skin and eye. Avoid ingestion and inhalation.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Store at room temperature

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits (AGGIH TLV & OSHA PEL):

Chemical Name	AGGIH TLV	OSHA PEL
Sodium Hydroxide	2 mg/m ³	2 mg/m ³

Exposure controls:

Respiratory protection: Use NIOSH approved respirators if necessary

Skin protection: Wear appropriate protective gloves

Eye protection: Appropriate eye protection require (safety goggles or face shield)

Hygiene measures: Handle in accordance with good industrial and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless Liquid

Odor: Odorless

Odor threshold: No data available

pH: > 11.5

Melting point/Freezing point: No data available

Initial boiling point and range: No data available

Flash point: Not applicable

Evaporation rate: No data available

Flammability (solid, gas): Not applicable

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No information available

Relative density: No data available

Solubility in water: soluble

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No information available

Decomposition temperature: No data available

Viscosity: No information available

10. STABILITY AND REACTIVITY

Reactivity: None known

Chemical stability: Stable under recommended storage conditions

Possibility of hazard reaction: No data available

Conditions to avoid: Incompatible products. Excess heat.

Incompatible materials: Acids, Organic materials, Metals.

Hazard decomposition products: Sodium oxides under fire condition

11. TOXICOLOGICAL INFORMATION**Toxicological data:**

Oral LD50 : No data available

Information on likely routes of exposure:**Potential health effects:**

Skin: May be harmful if absorbed through skin

Eye: Causes eye burns

Ingestion: May be harmful if swallowed

Inhalation: May be harmful if inhale

Carcinogenicity: Not listed by IARC, AGGIH, NTP, or OSHA

Other important toxicological hazards: To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

Eco-toxicity: Not hazardous

Persistence and degradability: No information available

Bio-accumulative potential: No information available

Mobility in soil: Will likely be mobile in environment due to its water solubility

Other adverse effects: No data available

13. DISPOSAL CONSIDERATION

Waste material must be disposed of in accordance with the national and local regulations

14. TRANSPORT INFORMATION

DOT (US): Regulated as Hazardous Material during transportation

UN number: 1760

UN proper shipping name: Corrosive Liquid, n.o.s. (Sodium Hydroxide)

Transport hazard class: 8

Packing group: III

15. REGULATORY INFORMATION

US State Right to Know Laws:

California Proposition 65: This product does not contain any Proposition 65 Chemicals

International regulations:

EU REACH: Use restricted (REACH 1907/2006, Annex XVII)

16. OTHER INFORMATION

SDS Creation date: 2/1/2024

Revision: 6

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Helena Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.