

SAFETY DATA SHEET

HELENA LABORATORIES
1530 Lindbergh Dr.
Beaumont, TX 77707
USA Toll Free 800-231-5663

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REVISION: 5

1. IDENTIFICATION

Product Number: 1832

Product identifier used on the label: V8 Maintenance Buffer Kit

Other means of identification:

Component Name	Component Number
V8 Maintenance Buffer	552511

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
USE Toll Free 800-231-5663

Emergency phone number:

(409) 842-3714

2. HAZARD IDENTIFICATION

Classification of the chemical:

Component Name	GHS Classification	Hazard Statement
V8 Maintenance Buffer	Skin, eye corrosion (Category 1)	Cause burns

NOTE: All other components present no significant physical or chemical hazard.

Label elements: Maintenance Buffer

Signal word: Danger

Hazard Symbols: Corrosive

Potential Health Effects:

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

Eye: May cause eye burns.

Inhalation: May be harmful if inhale.

Ingestion: May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	Chemical Name	CAS #	Concentration
V8 Maintenance Buffer	Sodium Hydroxide	1370-73-2	1-10%

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.

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

Special protective equipment and precautions for firefighters: Wear self contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Use personal protective equipment.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazard waste. Keep in closed container for disposal. Do not let product enter drains.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits (ACGIH TLV & OSHA PEL):

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

Exposure controls:

Respiratory protection: Self contained breathing apparatus must be available in case of emergency.

Skin protection: Handle with gloves.

Eye protection: Appropriate eye protection required (safety goggles or faceshield).

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Odor: No data available

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: No data available

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No data available

Relative density: No data available

Solubility in water: No data available

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

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage conditions

Chemical stability: No data available

Possibility of hazard reaction: No data available

Conditions to avoid: No data available

Incompatible materials: Acids, Strong oxidizing agents.

Hazard decomposition products: Sodium oxides under fire conditions.

11. TOXICOLOGICAL INFORMATION

Potential health effects:

Skin: May be harmful if absorbed through the skin.

Eye: Causes eye burns

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled.

Toxicological data:

Oral LD50: No data available

Carcinogenicity: IARC, ACGIH, NTP and OSHA: No component of this product present at level greater than equal or equal to 0.1% is identified as carcinogen.

Other important toxicological hazards: No data available.

12. ECOLOGICAL INFORMATION

Eco-toxicity: No data available

Persistence and degradability: No data available

Bio-accumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

13. DISPOSAL CONSIDERATION

Observe all federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (US): Not Regulated.

UN number:

UN proper shipping name:

Transport hazard class:

Packing group:

15. REGULATORY INFORMATION

US State Right to Know Laws:

OSHA Hazard: Corrosive

SARA 302 Component: No chemicals in this material are subject to the reporting requirements.

SARA 313 Component: No chemicals in this material are subject to the reporting requirements.

California Proposition 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Other US State "Right to Know" List: The following chemicals are listed by individual States:

Sodium Hydroxide (MA, PA, NJ)

16. OTHER INFORMATION

SDS Creation date: 4/15/2014

Revision #: 5

Disclaimer

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.