

FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

Material Safety Data Sheet (MSDS) Sodium Hydroxide Solution

MSDS #: 735.00

Revision Date: April 2, 2001

Section 9 — Physical and Chemical Properties

Colorless, odorless liquid.

Concentrations: 6 Molar = 24%, 1 Molar = 4%,

0.5 Molar = 2%, 0.2 Molar = 0.8%, 0.1 Molar = .48% NaOH

Section 10 — Stability and Reactivity

Shelf life: Good, if kept tightly closed.

Section 11 — Toxicological Information

Acute effects: Toxic, corrosive

Chronic effects: N.A.

Target organs: N.A.

ORL-RAT LD50: N.A.

IHL-RAT LC50: N.A.

SKN-RBT LD50: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

Section 12 — Ecological Information

Data not yet available.

Section 13 — Disposal Considerations

Please consult with state and local regulations.

Flinn Suggested Disposal Method #10 is one option.

Section 14 — Transport Information

Shipping Name: Sodium hydroxide solution

Hazard Class: 8, Corrosive

UN Number: UN1824

N.A. = Not applicable

Section 15 — Regulatory Information

Not listed.

Section 16 — Other Information

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of Flinn Scientific, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

Consult your copy of the *Flinn Scientific Catalog/Reference Manual* for additional information about laboratory chemicals.

FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

P.O. Box 219 • Batavia, IL 60510 • (800) 452-1261 • Fax (866) 452-1436 • flinn@flinnsci.com • www.flinnsci.com

FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

Material Safety Data Sheet (MSDS) Sodium Hydroxide Solution

MSDS #: 735.00

Revision Date: April 2, 2001

Section 9 — Physical and Chemical Properties

Colorless, odorless liquid.

Concentrations: 6 Molar = 24%, 1 Molar = 4%,

0.5 Molar = 2%, 0.2 Molar = 0.8%, 0.1 Molar = .48% NaOH

Section 10 — Stability and Reactivity

Shelf life: Good, if kept tightly closed.

Section 11 — Toxicological Information

Acute effects: Toxic, corrosive

Chronic effects: N.A.

Target organs: N.A.

ORL-RAT LD50: N.A.

IHL-RAT LC50: N.A.

SKN-RBT LD50: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

Section 12 — Ecological Information

Data not yet available.

Section 13 — Disposal Considerations

Please consult with state and local regulations.

Flinn Suggested Disposal Method #10 is one option.

Section 14 — Transport Information

Shipping Name: Sodium hydroxide solution

Hazard Class: 8, Corrosive

UN Number: UN1824

N.A. = Not applicable

Section 15 — Regulatory Information

Not listed.

Section 16 — Other Information

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of Flinn Scientific, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

Consult your copy of the *Flinn Scientific Catalog/Reference Manual* for additional information about laboratory chemicals.

FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

P.O. Box 219 • Batavia, IL 60510 • (800) 452-1261 • Fax (866) 452-1436 • flinn@flinnsci.com • www.flinnsci.com