FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

Material Safety Data Sheet (MSDS)

MSDS #: 379.00
Revision Date: November 25, 2002

Section 1 — Chemical Product and Company Identification

Helium Gas

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Section 2 — Composition, Information on Ingredients

Helium Gas

CAS#: 7440-59-7

Section 3 — Hazards Identification

Colorless, odorless gas.
Asphyxiant by displacing air. Substance not considered hazardous. However, not all health aspects of this substance have been thoroughly investigated.

FLINN AT-A-GLANCE

Health-0
Flammability-0
Reactivity-0
Exposure-0
Storage-0

0 is low hazard, 3 is high hazard

Section 4 — First Aid Measures

Call a physician, seek medical attention for further treatment, observation and support after first aid.
Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.
Eye: Immediately flush with fresh water for 15 minutes.

Section 5 — Fire Fighting Measures

Nonflammable gas.
Pressurized gas. Keep from heat.

NFPA CODE

None Established

Section 6 — Accidental Release Measures

Allow gas to dissipate.

Section 7 — Handling and Storage

Store with the bottled gases in a secure area.
Cylinder temperature should not exceed 125 F (52 C)

Section 8 — Exposure Controls , Personal Protection

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron.

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Section 9 — Physical and Chemical Properties

Colorless, odorless gas
Formula: He
Formula Weight: 4.00

Specific Gravity: 0.1785 g/L @ 0 C
Melting Point: -272.2 C @ 26 atm
Boiling Point: -268 C

Section 10 — Stability and Reactivity

Avoid contact with heat.
Shelf Life: Indefinite.

Section 11 — Toxicological Information

Acute effects: Nausea, dizziness and headache
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.
One option is to completely empty the cylinder in an operating fume hood or outdoors. Then dispose of empty cylinder in trash if

Section 14 — Transport Information

Shipping Name: Helium, compressed
Hazard Class: 2.2, Nonflammable gas
UN Number: UN1046

N/A = Not applicable

Section 15 — Regulatory Information

TSCA-listed, EINECS-listed (231-168-5).

Section 16 — Other Information

Consult your copy of the Flinn Scientific Catalog/Reference Manual for additional information about laboratory chemicals. 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. Flinn Scientific Inc. assumes no legal responsibility for use or reliance upon this data.

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Flinn Is No. 1 in Safety

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

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