## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

# Steel

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

Steel shot or Steel wool

CAS#: None established

## SECTION 3 — HAZARDS IDENTIFICATION

Dark gray pellets or gray-silver fibers. Odorless. Substance is not considered hazardous.

## SECTION 4 — FIRST AID MEASURES

Call a physician and seek medical attention for further treatment, observation, and support after first aid. Eye: Immediately flush with fresh water for at least 15 minutes.

## SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable solid. Steel wool can burn if pulled apart and ignited. NFPA Code None established

FLINN AT-A-GLANCE

0 is low hazard, 3 is high hazard

Health-0

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

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

## SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Inorganic #1. Store with metals and metal hydrides.

## 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

Dark gray pellets or gray-silver fibers. Odorless. An alloy of iron and carbon.

Melting point: 2500 °C

## SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with strong acids. Shelf life: Indefinite, if stored properly.

## SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: N.A. Chronic effects: N.A. Target organs: N.A. ORL-RAT LD<sub>50</sub>: N.A. IHL-RAT LC<sub>50</sub>: N.A. SKN-RBT LD<sub>50</sub>: 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 review all federal, state and local regulations that may apply, before proceeding. Flinn Suggested Disposal Method #26a is one option.

## SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated Hazard class: N/A UN number: N/A N/A = Not applicable

## SECTION 15 — REGULATORY INFORMATION

Not listed.

## SECTION 16 — OTHER INFORMATION

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