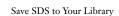


Revision Date: May 9, 2018



Pictograms

NFPA Code



# Nichrome Wire Safety Data Sheet (SDS)

#### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Signal Word Nichrome Wire N/A

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

Chemtrec Emergency Phone Number: (800) 424-10040

SECTION 2 — HAZARDS IDENTIFICATION

This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution.

Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

#### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Nickel	7440-02-0	Ni	58.69	60%
Iron	7439-89-6	Fe	55.85	24%
Chromium	7440-47-3	Cr	52.0	16%
Carbon	7440-44-0	С	12.01	0.1%

#### SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell.

If inhaled: Remove victim to fresh air in a position comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

If on skin: Rinse with water for several minutes.

If swallowed: Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

## SECTION 5 — FIRE FIGHTING MEASURES

Noncombustible solid.

When heated to decomposition, may emit toxic fumes. In case of fire: Use a tri-class dry chemical fire extinguisher. None established

# SECTION 6 — ACCIDENTAL RELEASE MEASURES

Dispose of in school trash.

# SECTION 7 — HANDLING AND STORAGE

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

# SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling.

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Silver-colored wire. Odorless.

# SECTION 10 — STABILITY AND REACTIVITY

Shelf life: Indefinite, if stored properly.

## SECTION 11 — TOXICOLOGICAL INFORMATION

ORL-RAT LD<sub>50</sub>: N.A. Acute effects: N.A. Chronic effects: N.A. IHL-RAT LC50: N.A. SKN-RBT LD<sub>50</sub>: N.A. Target organs: N.A.

## 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.

# SECTION 15 — REGULATORY INFORMATION

Not listed.

#### SECTION 16 — OTHER INFORMATION

This Safety Data Sheet (SDS) 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).

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

N/A = Not applicable

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

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