



CASWELL INC

Safety Data Sheet WOODS NICKEL STRIKE

SECTION 1: Identification

1.1 Product identifier

Product name	WOODS NICKEL STRIKE
Product number	WN

1.3 Recommended use of the chemical and restrictions on use NICKEL PLATE STRIKE FOR STAINLESS STEEL AND OTHER METALS

1.4 Supplier's details

Name	Caswell Inc
Address	7696 Route 31 Lyons NY 14489 USA
Telephone	315 946 1213
Fax	315 946 4456
email	sales@caswellplating.com

1.5 Emergency phone number(s)

Office Hours (9-4ET): 315 946 1213
24 Hour: CHEMTEL US# 1-800-255-3924 Intl# +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Acute toxicity, oral (C.4.1), Cat. 3
- Acute toxicity, inhalation (C.4.3), Cat. 3
- Skin corrosion/irritation (C.4.4), Cat. 2
- Sensitization, respiratory (C.4.6), Cat. 1
- Germ cell mutagenicity (C.4.8), Cat. 2
- Carcinogenicity (C.4.9), Cat. 1A
- Toxic to reproduction (C.4.10), Cat. 1B

Safety Data Sheet

WOODS NICKEL STRIKE

- Specific target organ toxicity (repeated exposure) (C.4.12), Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H301	Toxic if swallowed
H331	Toxic if inhaled
H315	Causes skin irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H341	Suspected of causing genetic defects [route]
H350	May cause cancer [route]
H360	May damage fertility or the unborn child [effect, route]
H372	Causes damage to organs [organs] through prolonged or repeated exposure [route]

Precautionary statement(s)

P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P321	Specific treatment (see ... on this label).
P330	Rinse mouth.
P405	Store locked up.
P501	Dispose of contents/container to ...
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P311	Call a POISON CENTER/doctor/...
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P284	[In case of inadequate ventilation] wear respiratory protection.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P314	Get medical advice/attention if you feel unwell.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Safety Data Sheet

WOODS NICKEL STRIKE

Hazardous components

1. Nickel (II) chloride

Concentration

100 - 100 % (weight)

CAS no.

7718-54-9

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into

Safety Data Sheet

WOODS NICKEL STRIKE

consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Nickel (II) chloride (CAS: 7718-54-9)

TWA: 1MG/M3 (OSHA)

PEL-C: 0.05MG/M3

8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)

BRIGHT GREEN CRYSTALS

Odor

ODORLESS

Odor threshold

Safety Data Sheet

WOODS NICKEL STRIKE

pH	4.9
Melting point/freezing point	1001 DEG C
Initial boiling point and boiling range	
Flash point	
Evaporation rate	
Flammability (solid, gas)	NOT FLAMMABLE
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	IN WATER
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	NONE

SECTION 10: Stability and reactivity

10.1 Reactivity

NO DATA AVAILABLE

10.2 Chemical stability

NO DATA AVAILABLE

10.3 Possibility of hazardous reactions

NO DATA AVAILABLE

10.4 Conditions to avoid

NO DATA AVAILABLE

10.5 Incompatible materials

NO DATA AVAILABLE

10.6 Hazardous decomposition products

NO DATA AVAILABLE

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

LD50 ORAL RAT 175/MG/KG

Skin corrosion/irritation

CAUSES SKIN IRRITATION

Serious eye damage/irritation

NO DATA AVAILABLE

Respiratory or skin sensitization

Safety Data Sheet

WOODS NICKEL STRIKE

MAY CAUSE ALLERGIC REACTIONS

Germ cell mutagenicity

NO DATA AVAILABLE

Carcinogenicity

KNOWN CARCINOGEN

Reproductive toxicity

MAY DAMAGE UNBORN CHILD

STOT-single exposure

NO DATA AVAILABLE

STOT-repeated exposure

NO DATA AVAILABLE

Aspiration hazard

NO DATA AVAILABLE

SECTION 12: Ecological information

Toxicity

LC50 TROUT 15.3 MG/L

Persistence and degradability

NO DATA AVAILABLE

Bioaccumulative potential

NO DATA AVAILABLE

Mobility in soil

NO DATA AVAILABLE

SECTION 13: Disposal considerations

Disposal of the product

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Safety Data Sheet

WOODS NICKEL STRIKE

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

Chemical name: Nickel chloride

CAS number: 7718-54-9

New Jersey Right To Know Components

Common name: NICKEL CHLORIDE

CAS number: 7718-54-9

Pennsylvania Right To Know Components

Chemical name: Nickel chloride

CAS number: 7718-54-9

California Prop. 65 components

Chemical name: Nickel (II) chloride

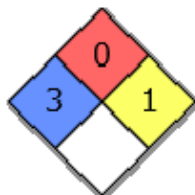
CAS number: 7718-54-9

05/07/2004 - Cancer

HMIS Rating

WOODS NICKEL STRIKE	
HEALTH	* 3
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	G

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Caswell Inc be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Caswell Inc has been advised of the possibility of such damages.