



SAFETY DATA SHEET

Sultraspot Metal (N)

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name Sultraspot Metal (N)

Product number 7874/21836

Recommended use of the chemical and restrictions on use

Application Spotting Agent

Details of the supplier of the safety data sheet

Supplier Cole & Wilson, LLC
100 Laurel Street, Ste 120
East Bridgewater, MA 02375
Tel: +1 281 231 2805
Fax: + 1 617 687 5888
info.usa@christeyns.com

Manufacturer Cole & Wilson Ltd
Nabbs Lane Chemical Works
Nabbs Lane
Slaithwaite
Huddersfield
HD7 5AT
Tel: 01484 842353
info@coleandwilson.com

Emergency telephone number

National emergency telephone number +1 866 928 0789 Toll Free, +1 215 207 0061 Geographic, +1 202 464 2554 (US and Canada); +52 55 5004 8763 (Mexico); +55 11 3197 5891 (Brazil); +56 2 2582 9336 (Chile);

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Not Classified

Label elements

Hazard symbols



Signal word Danger

Hazard statements H315 Causes skin irritation.
H318 Causes serious eye damage.

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Precautionary statements	<p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a poison center/ doctor.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p>
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Contains	Oxalic Acid
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3. Composition/information on ingredients

Mixtures

<p>Oxalic Acid</p> <p>CAS number: 144-62-7</p>	<p>5-10%</p>
<p>Classification</p> <p>Acute Tox. 4 - H302</p> <p>Acute Tox. 4 - H312</p> <p>Eye Dam. 1 - H318</p>	
<p>FLUOROSILICIC ACID</p> <p>CAS number: 16961-83-4</p>	<p>3-5%</p>
<p>Classification</p> <p>Skin Corr. 1B - H314</p>	

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

Inhalation	Non-volatile liquid product.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
Skin Contact	Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

Most important symptoms and effects, both acute and delayed

Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause stomach pain or vomiting.
Skin contact	Skin irritation.
Eye contact	Severe irritation, burning and tearing.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically. If in doubt, get medical attention promptly.
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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
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Special hazards arising from the substance or mixture

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Specific hazards	Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Fluorine.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Fluorine.
Advice for firefighters	
Protective actions during firefighting	If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

Methods and material for containment and cleaning up

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid spilling. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapors, spray or mist. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Avoid freezing. Keep container tightly closed.

Storage class Non-flammable liquids that can not be assigned to any of the aforementioned LGK

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

Oxalic Acid

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m³

Short-term exposure limit (15-minute): ACGIH 2 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 1 mg/m³

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

Exposure controls

Protective equipment



Appropriate engineering controls No specific ventilation requirements.

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Eye/face protection	Safety glasses with side-shields (EN 166).
Hand protection	Chemical resistant PVC/Nitrilrubber gloves (to European standard EN 374 or equivalent). Thickness: 0,4 mm. Penetration time: >480 min (level 6). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Other skin and body protection	Wear suitable protective clothing (EN14605). Long sleeved protective clothing
Hygiene measures	Do not eat, drink or smoke when using this product.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid.
Color	Yellowish.
Odor	Characteristic.
pH	pH (concentrated solution): <3
Other information	Not determined.

10. Stability and reactivity

Reactivity	The following materials may react with the product: Oxidizing agents. Reducing agents.
Stability	No particular stability concerns.
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	Avoid freezing.
Materials to avoid	Oxidizing agents. Reducing agents.
Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Silicon. Fluorine.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 10,000.0

Acute toxicity - dermal

ATE dermal (mg/kg) 22,000.0

Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.
Skin Contact	Irritating to skin.
Eye contact	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.
Acute and chronic health hazards	Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

12. Ecological information

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Ecotoxicity	Low acute toxicity to aquatic organisms.
Toxicity	Not considered toxic to fish.
Persistence and degradability	
Bioaccumulative potential	
Bio-Accumulative Potential	No data available on bioaccumulation.
Mobility in soil	
Mobility	The product is non-volatile.
Other adverse effects	
Other adverse effects	None known.

13. Disposal considerations

Waste treatment methods

Disposal methods Dispose of in accordance with Local Authority Regulations

EURAL Code

14. Transport information

UN Number

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Transport hazard class(es)

Transport labels

No transport warning sign required.

Packing group

Packing group (International) Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15. Regulatory information

National regulations OSHA Hazard Communication Standard 29 CFR §1910.1200

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

Not listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Not listed.

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SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed.

SARA 313 Emission Reporting

Not listed.

CAA Accidental Release Prevention

Not listed.

FDA - Essential Chemical

Not listed.

FDA - Precursor Chemical

Not listed.

OSHA Highly Hazardous Chemicals

Not listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

Not listed.

California Air Toxics "Hot Spots" (A-I)

Not listed.

California Air Toxics "Hot Spots" (A-II)

Not listed.

California Directors List of Hazardous Substances

Some of the ingredients are listed or exempt.

Oxalic Acid

Present.

Massachusetts "Right To Know" List

Some of the ingredients are listed or exempt.

FLUOROSILICIC ACID

Present.

Oxalic Acid

Present.

Rhode Island "Right To Know" List

Some of the ingredients are listed or exempt.

Oxalic Acid

Present.

Minnesota "Right To Know" List

Some of the ingredients are listed or exempt.

Oxalic Acid

Present.

New Jersey "Right To Know" List

Some of the ingredients are listed or exempt.

FLUOROSILICIC ACID

Present.

Oxalic Acid

Present.

Sultraspot Metal (N)

Pennsylvania "Right To Know" List

Some of the ingredients are listed or exempt.

Oxalic Acid

Present.

Inventories

US - TSCA

Some of the ingredients are listed or exempt.

FLUOROSILICIC ACID

Present.

Oxalic Acid

Present.

US - TSCA 12(b) Export Notification

Some of the ingredients are listed or exempt.

Oxalic Acid

Present.

16. Other information

Revision comments	Revision is due to addition of UFI number
Revision date	7/19/2021
Revision	12
Supersedes date	6/10/2021
SDS No.	7874/21836
Hazard statements in full	H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage.