



## SAFETY DATA SHEET

### Sultraspot Metal (N)

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name Sultraspot Metal (N)  
Product number 7874/21836

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Spotting Agent

##### 1.3. Details of the supplier of the safety data sheet

Supplier Christeyns NV  
Afrikalaan 182  
9000 Gent  
Belgium  
Tel: +32 9 223 38 71  
info@christeyns.be

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

##### 1.4. Emergency telephone number

Emergency telephone (DE) Giftnotruf Berlin +49 30 19240 (24h erreichbar)  
(DE) Giftnotruf Berlin +49 (0)30 30686 790  
(CH) STIZ, tel. 145  
(CH) Centre suisse d'information toxicologique: +41.(0)1.251.51.51  
(AT) Vergiftungsinformationszentrale: +43 1 40 400 2222  
worldwide: <http://www.who.int/ipcs/poisons/centre/directory/en>  
(FR) CENTRE ANTI-POISON France: +33 45 42 59 59 ORFILA (INRS)  
(FR) CENTRE ANTI-POISON Nancy: +33 (03) 83 26 36 36  
(FI) Myrkytystietokeskus +358 9 471 977  
(BE) Belgisch Antigifcentrum/Centre Antipoisons Belge : +32 70 245 245  
(ES) Teléfono Instituto Nacional de Toxicología: 915 620 420  
(GB) NHS 111  
(IT) Centro Antiveleni, Ospedale Niguarda Milano: +39 02 6610 1029  
(CZ) Toxikologické informační středisko, Klinika pracovního lékařství VFN a 1. LF UK, Na Bojišti 1, 120 00 Praha 2: +420 224 919 293, +420 224 915 402  
(SK) Národné toxikologické informačné centrum, Univerzitná nemocnica Bratislava, pracovisko Kramáre, Klinika pracovního lékařstva a toxikologie, Limbová 5, 833 05 Bratislava : +421 2 54 77 41 66

National emergency telephone number NHS Direct 111 (GB) National Poisons Information Service Tel: +44 344 892 0111 (UK) - Medical Professionals Only National Poisons Information Centre Tel: +353 (01) 809 2566 (Ireland) - Healthcare Professionals only (24 hour service)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

## Sultraspot Metal (N)

### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Not Classified

### 2.2. Label elements

#### Hazard pictograms



Signal word	Danger
Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage.
Precautionary statements	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor. P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Contains	FLUOROSILICIC ACID
Supplementary precautionary statements	P264 Wash contaminated skin thoroughly after handling. P321 Specific treatment (see medical advice on this label).

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

OXALIC ACID	5-10%
CAS number: 144-62-7	EC number: 205-634-3
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312	
FLUOROSILICIC ACID	3-5%
CAS number: 16961-83-4	EC number: 241-034-8
<b>Classification</b> Skin Corr. 1B - H314 Eye Dam. 1 - H318	
HYDROGEN FLUORIDE	<1%
CAS number: 7664-39-3	EC number: 231-634-8
<b>Classification</b> Acute Tox. 2 - H300 Acute Tox. 1 - H310 Acute Tox. 2 - H330 Skin Corr. 1A - H314 Eye Dam. 1 - H318	

## Sultraspot Metal (N)

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

### SECTION 4: First aid measures

#### 4.1. 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.

#### 4.2. 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.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically. If in doubt, get medical attention promptly.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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

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.

#### 5.3. 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.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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#### 6.3. 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.
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#### 6.4. Reference to other sections

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.
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## Sultraspot Metal (N)

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Avoid freezing. Keep container tightly closed.

**Storage class** Chemical storage.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### OXALIC ACID

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup> 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup> 2 mg/m<sup>3</sup>

##### FLUOROSILICIC ACID

Short-term exposure limit (15-minute): 2.5 mg/m<sup>3</sup>

##### HYDROGEN FLUORIDE

Long-term exposure limit (8-hour TWA): WEL 1.8 ppm 1.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 3 ppm 2.5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** No specific ventilation requirements.

**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.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

**Appearance** Liquid.

**Colour** Yellowish.

**Odour** Characteristic.

**pH** pH (concentrated solution): 2.0

## Sultraspot Metal (N)

### 9.2. Other information

Other information Not determined.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity The following materials may react with the product: Oxidising agents. Reducing agents.

### 10.2. Chemical stability

Stability No particular stability concerns.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

### 10.4. Conditions to avoid

Conditions to avoid Avoid freezing.

### 10.5. Incompatible materials

Materials to avoid Oxidising agents. Reducing agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Silicon. Fluorine.

## SECTION 11: Toxicological information

### 11.1. 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 oesophagus 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.

## SECTION 12: Ecological information

### Ecotoxicity

Low acute toxicity to aquatic organisms.

### 12.1. Toxicity

#### Toxicity

Not considered toxic to fish.

### 12.2. Persistence and degradability

#### Persistence and degradability

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

No data available on bioaccumulation.

### 12.4. Mobility in soil

#### Mobility

The product is non-volatile.

## Sultraspot Metal (N)

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

Other adverse effects None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal methods Dispose of in accordance with Local Authority Regulations

EURAL Code

## SECTION 14: Transport information

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Transport labels

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Revision comments	Revision is due to additional PPE advice
Revision date	22/05/2019
Revision	9
Supersedes date	13/02/2019
SDS number	7874/21836

## Sultraspot Metal (N)

### Hazard statements in full

H300 Fatal if swallowed.  
H302 Harmful if swallowed.  
H310 Fatal in contact with skin.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H330 Fatal if inhaled.