



SAFETY DATA SHEET
Sultraspot Metal

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NO. /12306
 APPLICATION Cleaning agent.
 SUPPLIER Cole & Wilson Ltd
 Nabbs Lane Chemical Works
 Nabbs Lane
 Slaithwaite
 HUDDERSFIELD
 HD7 5AT
 01484 842353
 info@coleandwilson.com
 EMERGENCY TELEPHONE INRS 01 45 42 59 59

2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) Not classified.
 CLASSIFICATION (EC 1272/2008)
 Physical and Chemical Hazards Not classified.
 Human health Not classified.
 Environment Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008
 No pictogram required.

Supplemental Label Information (EU)

EUH210

Safety data sheet available on request.

3 COMPOSITION/INFORMATION ON INGREDIENTS

2-HYDROXY-1,2,3-PROPANETRICARBOXYLICACID	5-15%
CAS-No.: 77-92-9	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R36.

OXALIC ACID	1-5%
CAS-No.: 144-62-7	EC No.: 205-634-3
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312	Classification (67/548/EEC) Xn;R21/22

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

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4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

INHALATION

Non-volatile liquid product.

INGESTION

Seek medical attention in the event of significant ingestion.

SKIN CONTACT

Rinse the skin immediately with lots of water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

If risk of water pollution occurs, notify appropriate authorities. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Inform Authorities if large amounts are involved.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Keep above the chemical's freezing point to avoid rupturing the container. Keep containers tightly closed.

STORAGE CLASS

Unspecified storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
OXALIC ACID	WEL	1 mg/m3	1 mg/m3	2 mg/m3	2 mg/m3	

WEL = Workplace Exposure Limit.

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PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

No particular ventilation requirements.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

No hand protection required when using product. Hand protection is advisable for bulk handling or manufacture of this product.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Colourless.
ODOUR	Characteristic.
SOLUBILITY	Soluble in water.
pH-VALUE, CONC. SOLUTION	<2

10 STABILITY AND REACTIVITY

STABILITY

Avoid Contact with acids.

CONDITIONS TO AVOID

Avoid contact with oxidisers or reducing agents. Avoid frost. Reacts with alkalis and generates heat.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Bases, alkalis (inorganic). Strong oxidising substances. Strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

INGESTION

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

SKIN CONTACT

May cause defatting of the skin, but is not an irritant.

EYE CONTACT

Irritating and may cause redness and pain.

12 ECOLOGICAL INFORMATION

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ECOTOXICITY

Environmental information currently available for the ingredients of this preparation indicates that it does not contain any ingredients currently classified as Dangerous for the Environment.

MOBILITY

The product is soluble in water.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

No data available.

ACUTE FISH TOXICITY

May be dangerous to fish at high concentrations due to this being an unnatural aquatic environment, but not classified as being Toxic or Very Toxic to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

Not regulated.

No transport warning sign required.

ENVIRONMENTALLY

No.

HAZARDOUS

SUBSTANCE/MARINE

POLLUTANT

15 REGULATORY INFORMATION

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. CHIP The Control of Substances Hazardous to Health Regulations

16 OTHER INFORMATION

REVISION COMMENTS

Data sheet is in accordance with the CHIP regulations in force on the revision date given below.

REVISION DATE 170914

REV. NO./REPL. SDS GENERATED Revision 0

SDS NO. /12306

RISK PHRASES IN FULL

R21/22 Harmful in contact with skin and if swallowed.

R36 Irritating to eyes.

NC Not classified.

HAZARD STATEMENTS IN FULL

H302 Harmful if swallowed.

H312 Harmful in contact with skin.