

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME FOUCHET'S REAGENT

PRODUCT CODE 63103x

<u>SUPPLIER</u>	Clin-Tech Limited	Telephone	+44 (0)1483 301902
	Unit G, Perram Works	Fax	+44 (0)1483 301907
	Merrow Lane		
	Guildford, Surrey	Email	info@clin-tech.co.uk
	GU4 7BN	Website	www.clin-tech.co.uk
	UK		

2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

Skin Corrosion (Category 1B)	H314
Acute Aquatic Toxicity (Category 1)	H410

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

DANGER



Hazard statement(s)

H314	Causes severe skin burns and eye damage
H410	Very toxic to aquatic life with long lasting effects

Precautionary statement(s)

P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
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 or doctor/physician

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
TRICHLORO-ACETIC ACID	200-927-2	76-03-9	25 %	Skin corr. 1A, Aquatic acute 1, Aquatic chronic 1 H314 H410
IRON (III) CHLORIDE HEXAHYDRATE	231-729-4	7705-08-0	1%	Met. corr. 1, Acute tox. 4, Skin irrit. 2, Eye dam. 1, Aquatic chronic 2 H290 H302 H315 H318 H411

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention immediately.

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

SPECIAL HAZARDS

Gives off nitrogen oxides (NO_x) on combustion

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour. Ensure adequate ventilation. Evacuate personnel.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Absorb with sand or vermiculite, and sweep up into bag and hold for hazardous disposal. Avoid creating dust. Ventilate area.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide adequate exhaust where aerosols are raised.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS
Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

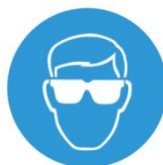
Name	Std	8h TWA		STEL	
TRICHLOROACETIC ACID	WEL (NIOSH)	1 ppm	7 mg/m ³		

WEL – Workplace Exposure Limit; 8h TWA – 8-hour Time-Weighted Average; STEL – Short-Term EL.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where high aerosol levels are likely.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Yellow Liquid
ODOUR	Acidic
SOLUBILITY / MISCIBLE WITH	Water

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

INCOMPATIBLE MATERIALS

Acids, Copper and copper alloys, some iron compounds, aluminium.

11. TOXICOLOGICAL INFORMATION

INHALATION

Extremely destructive to the upper respiratory tract and mucous membranes. May be harmful if inhaled.

INGESTION

Causes immediate burning to mouth, throat, abdomen; severe swelling of the larynx and skeletal paralysis affecting the ability to breathe, circulatory shock and convulsions. May be harmful if swallowed.

SKIN CONTACT

Causes severe burns.

EYE CONTACT

Causes severe burns.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	2564	8	II	Trichloroacetic Acid, solution
<u>IATA</u>	2564	8	II	Trichloroacetic Acid, solution
<u>IMDG</u>	2564	8	II	Trichloroacetic Acid, solution

SIGNAGE



ENVIRONMENTAL HAZARDS

RID / ADR	Yes
IATA	Yes
IMDG	Marine Pollutant

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.

Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	03
Revision Date	09/2015
Comments	CHIP regulations removed
Replaces Document Generated	12/2012

HAZARD STATEMENTS IN FULL

H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H400	Very toxic to aquatic life