

Sustainable solutions for a better environment

1.0 IDENTIFICATION Trufloc® FERRIC CHLORIDE > = 10%

Recommended use of the chemical and restrictions on use

The preparation is used for the treatment of industrial waste water (effluent).

Supplier's details

Atana Ltd, Hydrus House, Dromintee Road, Hilltop Industrial Estate, Bardon Hill, Coalville, Leicestershire, LE67 1TX Tel +44 (0) 1530 830020 Fax +44 (0) 1530 832310

If you have queries regarding this MSDS please email and rew.dodds@atana.co.uk

Emergency phone number

8am – 4pm weekdays emergency telephone number 01530830020 - Head Office.

24 hour emergency telephone number 07782354001 – Atana Ltd, David Garton

2.0 HAZARD IDENTIFICATION

GHS label elements including precautionary statements

FERRICCHLORIDE40.doc



DANGER

August 2015

H314: Causes severe skin burns and eye damage (Category 1B skin corrosion / irritation)

H335: May cause respiratory irritation (Category 3 specific target organ toxicity – single exposure)

REACH/CLP3

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3.0 COMPOSITION/INFORMATION ON INGREDIENTS

Name	Concentr	ration CAS#	EINECS#	DSD classifi	CLP cation Classification
Iron trichloride	> = 1	0% 7705-08-	0 231-729-4	C (corro R34, Xi	sive); H314, H335
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To the best of our knowledge, the information contained herein is accurate. However, neither the named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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FIRST AID MEASURES

4.0



(irritant); R37

4.0 FIRST AID MEASURES	
Inhalation	P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
	P271: Use only outdoors or in a well-ventilated area.
	P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	Remove to fresh air. If symptoms call a physician. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position.
Ingestion	P312: Call a POISON CENTER or doctor / physician if you feel unwell.
	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Skin contact	Take off all contaminated clothing immediately. Wash off any
Eye contact	contamination immediately with soap and water. Rinse immediately with plenty of water, also under the eyelids for at least 5 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.
5.0 FIRE-FIGHTING MEASURES	
Suitable extinguishing media	Use existing measures that are appropriate to local circumstances and the surrounding environment.
	DO NOT USE high volume water jet.
	In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment. Incomplete combustion may form toxic pyrolysis products.
6.0 ACCIDENTAL RELEASE MEAS	URES

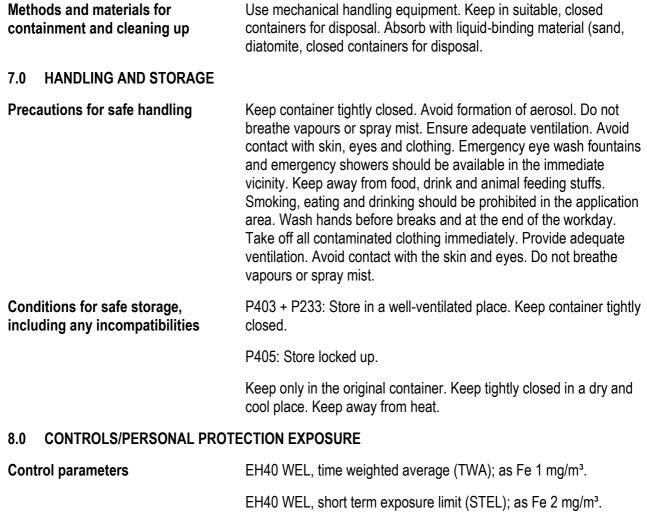
Personal precautions	Please see section 8.0.
Environmental precautions	Do not flush into surface water or sanitary sewer system.

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Individual protection measures, such as PPE Respiratory protective equipment: exposure is required if the exposure limit is exceeded (e.g. OEL). When aerosol or mist is formed use suitable respiratory protection. Hand protection: glove material has to be impermeable and resistant to the product / the substance / the preparation. Eye protection: goggles or a face-shield giving complete protection to eyes.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance

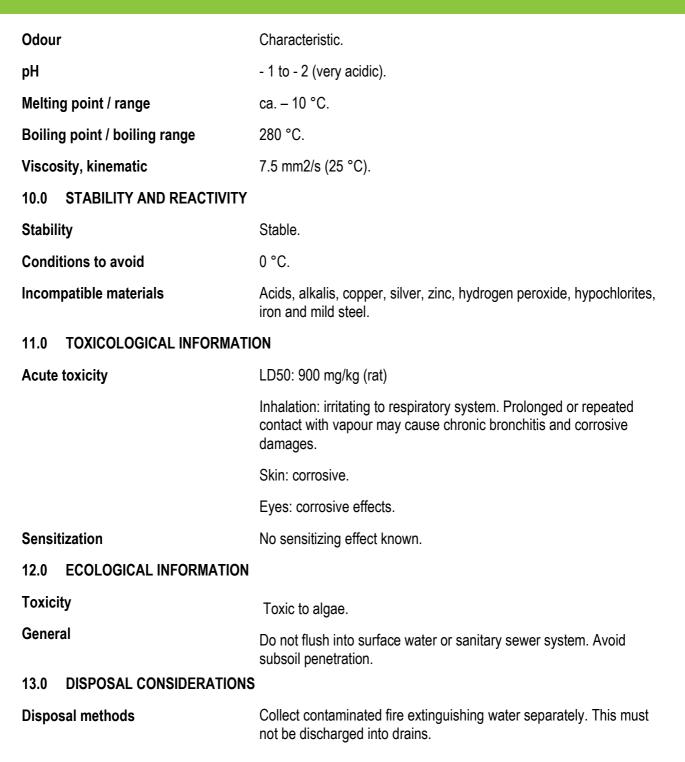
Oily, dark brown liquid.

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Disposal together with normal waste is allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.

Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Packaging that cannot be cleaned are to be disposed in the same manner as the product. No waste code according to the EWC can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

14.0 TRANSPORT INFORMATION UN 2582.

ADR name: FERRIC CHLORIDE SOLUTION.

ADR class: 8.

ADR packaging group: III.

15.0 REGULATORY INFORMATION

	Labelling	See section 2.0 please.
16.0	Risk and safety phrases	R34 Causes burns.
		R35 Causes severe burns.
		R37 Irritating to respiratory system.
	Date of amendment June 2012 January 2013 August 2015	Reason for amendment Update MSDS to reflect both DSD and CLP classifications. Annual SDS review and update January 2013. Email change and review

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