

Safety Data Sheet

Creation date: 16/1/03

Version: 1

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY			
Product Identification	Trace Element Liquid - Code 7412		
Intended Uses	Chelated trace element liquid		
Supplied by	AmegA Sciences plc, 17 Lanchester Way, Royal Oak Industrial Estate, Daventry, Northants, NN11 5PH		
Telephone Number	+44 (0) 1327 704444		
2. COMPOSITION / INFORMATION ON INGREDIENTS			
Doesn't contain any components at levels classified as hazardous.			
3. HAZARDS IDENTIFICATION			
Unlikely to cause harmful effects under normal conditions of handling and use.			
4. FIRST AID MEASURES			
Inhalation	Remove patient to fresh air.		
Skin Contact	Flush with plenty of water and remove contaminated clothing and seek medical attention.		
Eye Contact	Irrigate the eye with water or eye wash solution for at least 10 minutes and seek medical attention.		
Ingestion	Give milk or water as a diluent: 15 mls per kilo of body weight to a maximum of 200-300 mls; and seek immediate medical attention.		
5. FIRE-FIGHTING MEASURES			
Suitable Extinguishing Media	Material is not flammable. Use water, water-spray, dry powder, foam or carbon dioxide.		
Hazardous Combustion	Oxides of carbon.		
Products			
Special Protective Equipment for Fire-Fighters	Use personal protective equipment.		
6. ACCIDENTAL RELEASE MEASURES			
Personal Precautions	Do not allow product to enter eyes.		
Environmental Precautions	Avoid washings entering watercourses.		
Methods for Cleaning Up	Small spillages may be flushed away with water. Absorb large spillages with sand or any suitable medium.		
7. HANDLING AND STORAGE			
Handling	Avoid skin and eye contact.		
Storage	Store at ambient temperatures. Keep from freezing.		
8. EXPOSURE CONTROLS / PERSONAL PROTECTION			
Occupational Exposure Limit	None set.		
Respiratory Protection	Not necessary unless used in a confined space.		
Hand Protection	Wear suitable gloves such as rubber or plastic.		
Eye Protection	None required.		
Skin Protection	None required.		
Environmental Exposure	No specific legislation is applies.		
9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Odour	pH	Boiling Point / Range
Dark red-brown liquid	Negligible	7 ± 1	Not determined
Flash Point	Explosive Properties	Oxidising Properties	Vapour Pressure
No measurable flash point	None	None	Not determined
Relative Density	Viscosity	Vapour Density	Evaporation Rate
1.100 ± 0.010	Comparable to water	Not determined	Not determined
Water Solubility		Partition Coefficient: n-octanol/water	
Complete		Not determined	

10. STABILITY AND REACTIVITY

Conditions to Avoid	Extremes of temperature
Materials to Avoid	None known
Hazardous Decomposition Products	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Skin Contact	Not considered toxic by skin contact
Eye Contact	Irritation to the eye may occur
Ingestion	May cause nausea. No toxic effect expected. Irritation to the digestive system can occur.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Material is not toxic to the environment.
Mobility	Completely soluble.
Persistence and Degradability	This material is unlikely to accumulate in the environment.
Bioaccumulative Potential	Low.
Other Adverse Effects	None.

13. DISPOSAL CONSIDERATIONS

Substance	Small quantities can be disposed by flushing away with water. For large quantities seek advice from an authorised waste disposal contractor.
Container	Contaminated packaging must be treated in the same way as the substance. However, thoroughly rinsed containers can be disposed of by any suitable means.

14. TRANSPORT INFORMATION

	UN Number	Class and Packing Group	Proper Shipping Name	Marine Pollutant
IMDG				No
ADR				No
RID				No
ICAO / IATA				No
Additional Information	Not classified for transport			

15. REGULATORY INFORMATION

Relevant UK Regulations	CHIP 2002
Hazard Symbol	None.
R-phrases	None.
S-phrases	S1/2 - Keep locked up and out of the reach of children. S26 - In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
Additional Information	Refer to National Legislation for specific measures that may be relevant.

16. OTHER INFORMATION

The information given in this safety data sheet is based on knowledge available at the time of compilation and is intended to describe the product only in terms of health and safety requirements. It does not signify any warranty with regard to specific properties or specifications.

R-phrases in full: