

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY/UNDERTAKING	
PRODUCT	SP23
APPLICATION	CLEANER AND DESCALER
COMPANY/UNDERTAKING IDENTIFICATION	ADVANCED ENGINEERING LTD. UNIT L, KINGSFIELD BUSINESS CENTRE, PHILANTHROPIC ROAD, REDHILL, SURREY, RH1 4DP, ENGLAND TELEPHONE : +44 (0) 1737 859900 EMERGENCY TELEPHONE NO. AS ABOVE FAX : +44 (0) 1737 859700

2. COMPOSITION/INFORMATION ON INGREDIENTS	
CHEMICAL DESCRIPTION :	Citric Acid solution
CAS No:	5949-29-1 Water 77-92-9 Citric Acid 64-19-7 Acetic Acid

3. HAZARDS IDENTIFICATION	
RISK PHRASES_	Irritating to Eyes Avoid contact with skin, especially if broken.

4. FIRST AID MEASURES	
INHALATION	Inhalation - not considered a problem.
EYE CONTACT	Immediately wash out with plenty of water for at least 15 minutes. Seek medical treatment if there is persistent irritation.
SKIN CONTACT	Immediately rinse with soap and water.
INGESTION	If conscious, give water to drink and seek medical advice.

5. FIRE FIGHTING MEASURES	
FIRE-FIGHTING PROCEDURES:	Extinguish with water spray
SPECIAL HAZARDS:	Decomposes in fire producing acrid fumes. Risk of dust explosion. Products of combustion - acrid fumes and possible flammable gasses. Wear SCBA
HAZARDOUS COMBUSTION PRODUCTS:	-

6. ACCIDENTAL RELEASE MEASURES (SPILLAGE)	
PERSONAL PRECAUTIONS:	Wear suitable protective clothing.
ENVIRONMENTAL PRECAUTIONS:	-
METHODS OF CLEANING:	Sweep up for disposal. Wash away traces remaining with plenty of water.

7. HANDLING AND STORAGE	
STORAGE:	Store as a food product. Keep away from toxic, harmful and oxidising agents.
HANDLING:	Wear gloves and eye protection if appropriate.

8. EXPOSURE CONTROLS	
EXPOSURE LIMITS:	OEL Long Term - none established. OEL Short Term - none established.
RESPIRATORY PROTECTION:	Dust mask in dusty environment.
HAND PROTECTION:	PVC or rubber gloves should be worn.
SKIN PROTECTION:	Overalls and boots should be worn.
EYE PROTECTION:	Safety goggles should be worn.

9. PHYSICAL/CHEMICAL PROPERTIES	
APPEARANCE	Colourless liquid
ODOUR	None
PH	2.3
BOILING POINT	100 deg C
MELTING POINT	-
FLASH POINT	Not relevant
FLAMMABILITY	-
AUTO IGNITION TEMPERATURE	-
EXPLOSION HAZARD	-
OXIDISING PROPERTIES	-
VAPOUR PRESSURE	-
SPECIFIC GRAVITY	1.05
SOLUBILITY IN WATER	Complete
SOLUBILITY IN SOLVENTS	-

10. STABILITY AND REACTIVITY	
STABILITY:	Stable
MATERIALS TO AVOID:	Oxidising agents
CONDITIONS TO AVOID:	Excessive heat
DECOMPOSITION PRODUCTS:	In fire, acrid fumes produced and possible flammable gasses.

11. TOXICOLOGICAL INFORMATION	
TOXICOLOGICAL DATA:	-
INHALATION:	Dust may irritate mucous membranes
SKIN CONTACT:	May cause slight irritation
EYE CONTACT:	Will cause irritation
INGESTION:	Large doses may cause diarrhoea LD ₅₀ (rat) 11.7 g/kg

12. ECOLOGICAL INFORMATION	
DEGRADABILITY:	Biodegradable
ENVIRONMENTAL HAZARD:	-

13. DISPOSAL CONSIDERATIONS	
SAFE HANDLING:	Neutralise with soda ash and flush away if approved. Otherwise via approved waste disposal operative. Dispose of contaminated packaging by incineration or landfill.

14. TRANSPORT INFORMATION (REGULATIONS)

UN NUMBER:	None
CLASS:	Not classified
PACKAGING GROUP:	Not classified
HAZCHEM CODE:	Not classified
RID/ADR:	Not classified
IMO CLASS:	-
IMDG CODE PAGE NUMBER:	-
ICAO/IATA CLASS:	Not classified
KEMLER CODE:	-
TREMCARD NUMBER:	-
CCT NUMBER:	-

15. REGULATORY INFORMATION

CLASSIFICATION:	Not classified as hazardous
RISK PHRASES:	None recommended
SAFETY PHRASES:	None recommended
APPLICABLE LEGISLATION:	None

16. OTHER INFORMATION

This data sheet does not constitute a User's Assessment of Workplace Risk as required by HSW Act, COSHH, Management of Health and Safety at Work Regulations, or other Health and Safety Legislation.

The information contained in this Safety Data Sheet is based on present knowledge. It provides guidance on health, safety and environmental aspects of the product. The specific conditions of use of the product are outside the suppliers control.

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

17. REVISIONS AND DATES

Revision 1.1 Dec 1998. Change of address and telephone numbers