

# SAFETY DATA SHEET – RTU – EVAPORATOR CLEANER

1.	IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY/UNDERTAKING	
	PRODUCT : <span style="float: right;"><b>RTU – EVAPORATOR CLEANER</b></span>	
	APPLICATION : <span style="float: right;">Evaporator and condensing coil cleaner</span>	
	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 : <span style="float: right;">Alkaline based cleaning preparation</span>	
	HAZARDOUS COMPONENTS : <span style="float: right;">Sodium metasilicate</span>	

3.	HAZARDS IDENTIFICATION	
	The most important hazards are :	Possible reddening and/or drying of skin due to detergent action

4.	FIRST AID MEASURES	
	EYES	Immediately flush with plenty of water for at least 15 min. Obtain immediate medical attention.
	SKIN of	Remove contaminated clothing and wash skin thoroughly with plenty of water. Obtain medical assistance.
	INHALATION	Remove to fresh air. Use any resuscitation methods necessary. Obtain medical attention.
	INGESTION	Give plenty of milk or water to drink. Do not induce vomiting. Obtain medical attention.

5.	FIRE FIGHTING MEASURES	
	EXTINGUISHING	Water, Powder, foam, CO <sub>2</sub>
	MEDIA	
	HAZARDS	No unusual hazards. Wear self-contained breathing apparatus.
	UNSUITABLE MEDIA	None specified

6.	ACCIDENTAL RELEASE MEASURES (SPILLAGE)	
	PERSONAL PRECAUTIONS:	Rubber boots, PVC suit, goggles, PVC gloves & suitable dust mask.
	ENVIRONMENTAL PRECAUTIONS:	Do not allow to contaminate sewers, watercourses or land.
	RECOVERY OR MAJOR SPILLAGE:	Contain spill with sand, soil or vermiculite.. Collect or absorb as appropriate, flush away traces remaining with plenty of water.
	MINOR SPILLAGE:	Absorb & collect or flush away with plenty of water.

7.	HANDLING AND STORAGE (IN NORMAL USE)	
	STORAGE:	Keep tightly closed in a dry place.
	GENERAL:	Observe good industrial practice.
	HANDLING:	Wear protective equipment. Spills will make floors slippery, clear up immediately.

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8. EXPOSURE CONTROLS / EXPOSURE PROTECTION (NORMAL USE)	
OCCUPATIONAL EXPOSURE LIMITS	OEL                      OEL Long Term              Short Term None established
ENGINEERING MEASURES	Ventilate area if necessary
PERSONAL PROTECTIVE EQUIPMENT	
RESPIRATORY	Suitable respirator if necessary.
HAND	PVC gloves.
EYE	Goggles.
SKIN	Rubber boots & PVC suit if appropriate

9. PHYSICAL/CHEMICAL PROPERTIES	
APPEARANCE	Clear
ODOUR	Odourless
PH	13
BOILING POINT	N/D
MELTING POINT	N/A
FLASHPOINT (°C)	N/A
UPPER FLAM. LIMIT	N/A
LOWER FLAM. LIMIT	N/A
EXPLOSIVE PROPERTIES	N/A
VAPOUR PRESSURE	Not determined
RELATIVE DENSITY	1.1
SOLUBILITY (WATER AND FAT)	Complete

10. STABILITY AND REACTIVITY	
STABILITY:	Stable
CONDITIONS TO AVOID:	None
MATERIALS TO AVOID :	None.
HAZARDOUS DECOMPOSITION PRODUCTS :	None under normal conditions.

11. TOXICOLOGICAL INFORMATION	
ACUTE EFFECTS	
EYES	Minor irritation.
SKIN	Possible reddening /drying of skin.
INGESTION	Minor irritation.
INHALATION	Mild discomfort but no adverse health effects.
CARCINOGENICITY	Not considered to be a carcinogen.
MUTAGENICITY	Not considered to be a mutagen.
REPRODUCTIVE EFFECTS	None identified.
CHRONIC EFFECTS	None expected (continual skin contact would be inadvisable).

12. ECOLOGICAL INFORMATION	
MOBILITY	Soluble
PERSISTANCE & DEGRADABILITY	Degradable.
BIO ACCUMULATION	Not expected.
AQUATIC TOXICITY	Not known.
OTHER	

13. DISPOSAL CONSIDERATIONS	
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DISPOSAL METHODS	Comply with regulations. Seek advice from waste disposal contractor.
CONTAMINATED PACKAGING	Empty completely and flush thoroughly with fresh water.

14. TRANSPORT INFORMATION (REGULATIONS)	
PACKAGING (Size & Description)	1 LITRE HANDSPRAYER
TRANSPORT CLASSIFICATION	NONE
SUBSTANCE IDENTIFICATION NUMBER	NONE
PROPER SHIPPING NAME	RTU – EVAPORATOR CLEANER
ICAO/IATA/IMDG CLASS	NONE
SUBSIDIARY RISK	NONE
PACKING GROUP	N/A
ADR CLASS	N/A
TRANSPORT HAZARD SYMBOL	N/A
HAZARD IDENT NUMBER	N/A
EMERGENCY ACTION CODE	N/A
OTHER	-

15. REGULATORY INFORMATION (Supply & Labelling)	
SUPPLY CLASSIFICATION	not classified, according to EU directives.
HAZARD PICTOGRAM	N/A
RISK PHRASES	None recommended
SAFETY PHRASES	None recommended

16. OTHER INFORMATION	
<p>The information contained in this document only covers the hazards presented by this material, it does not constitute a workplace risk assessment.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>	

17. REVISIONS AND DATES	
FIRST ISSUE	JAN 1999