

SAFETY DATA SHEET

EQUIPCLEAN 1910/E

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME EQUIPCLEAN 1910/E
 PRODUCT NO. 19100D
 SUPPLIER BLT Circuit Services Limited
 Brome Industrial Estate
 Brome, Eye
 Suffolk. IP23 7HN
 01379 870870
 01379 870970

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-BUTOXYETHANOL	203-905-0	111-76-2	5-10%	Xn;R20/21/22 Xi;R36/38
HYDROCHLORIC ACID ...%	231-595-7	7647-01-0	5-10%	C;R34 Xi;R37
POLY ALKOXYLATE		68603-25-8	5-10%	Xn;R22. Xi;R36.

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

CLASSIFICATION Xi;R36/38.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Important to remove the substance from the skin immediately. Rinse the skin immediately with lots of water. Get medical attention if any discomfort continues.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

DO NOT TOUCH SPILLED MATERIAL! Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Gather in poly lined drum. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Eye wash facilities and emergency shower must be available when handling this product.

STORAGE CLASS

Corrosive storage.

EQUIPCLEAN 1910/E**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
HYDROCHLORIC ACID ...%	OES			5 ppm	7 mg/m3
2-BUTOXYETHANOL	OES	25 ppm(Sk)		50 ppm(Sk)	

INGREDIENT COMMENTS

OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Colourless to pale yellow		
ODOUR	Acidic.		
RELATIVE DENSITY	@ 20 °c	pH-VALUE, CONC. SOLUTION	<1

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions. SHELF LIFE 12 MONTHS

CONDITIONS TO AVOID

Reacts with alkalis and generates heat.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Acrid smoke/fumes of: Chlorides.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

SKIN CONTACT. This substance is corrosive. Causes burns. EYE CONTACT. Causes burns. INGESTION. May cause burns in mucous membranes, throat, oesophagus and stomach.

RESPIRATORY SYSTEM. Serious damage to the lining of nose, throat and lungs. Swallowing concentrated chemical may cause severe internal injury.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Little danger to the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Absorb in vermiculite or dry sand, dispose in licensed special waste.

EQUIPCLEAN 1910/E

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	Corrosive liquid NOS contains <10% Hydrochloric acid		
UN NO. ROAD	1760	ADR CLASS NO.	Class 8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	PACKING GROUP III
RID CLASS NO.	8	UN NO. SEA	1760
IMDG CLASS	8	IMDG PACK GR.	III
UN NO. AIR	1760		

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES	R36/38	Irritating to eyes and skin.
SAFETY PHRASES	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S37	Wear suitable gloves.
	S24/25	Avoid contact with skin and eyes.
	S60	This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

REVISION DATE	Noveber 2004
REV. NO./REPL. SDS GENERATED	4
SDS NO.	1910E/16/4
RISK PHRASES IN FULL	
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.