


Section 1:		IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY			
1.1	Product Name:	TN10 NEUTRALISER			
1.2	Supplier :	Transvac Systems Marlowe House Unit B, Rudford industrial Estate Ford, Arundel West Sussex BN18 0BF Tel: +44(0)1903 736900 Fax: +44(0)1903 731569 e-mail: sales@transvac-systems.co.uk			
1.3	Product Description	An alkaline neutralizing agent for use after acidic cleaning and descaling has been conducted on black/grey water sanitary lines.			
1.4	Product Code	TN10			
Section 2:		HAZARD IDENTIFICATION			
2.1	Product is Classified as:	CORROSIVE			
2.2	Risk Phrases	R34 Causes burns.			
Section 3:		COMPOSITION/INFORMATION ON INGREDIENTS.			
3.1	A blend of surfactants, corrosion inhibitors and sodium hydroxide.				
3.2	Hazardous Ingredients	CAS No	EINECS No	%w.w	Nature of Hazard
	Sodium Hydroxide	1310-73-2	215-185-5	1-5	Corrosive R35
Section 4:		FIRST AID MEASURES			
4.1	Eyes:	Rinse immediately with plenty of water and continue for 10 minutes. Seek medical attention.			
4.2	Skin:	Wash immediately with water. Remove contaminated clothing and seek medical advice.			
4.3	Ingestion:	Drink milk or water and seek medical advice.			
4.4	Inhalation:	If spray or mist is inhaled, remove person to fresh air. Rest and keep warm. Seek medical advice if feeling unwell.			
Section 5:		FIRE FIGHTING MEASURES			
5.1	Fire-Fighting:	Non-flammable and will not support combustion. If drums are involved in a fire, spray with water to keep cool.			
Section 6:		ACCIDENTAL RELEASE MEASURES			
6.1	Release Measures:	Wear rubber boots and protective clothing (see 8. below). Contain spillage with dry earth, sand or granules. Absorb onto granules, scrape up and place in secure plastic containers. Hose away remnants with large volumes of water.			
Section 7:		HANDLING AND STORAGE			
7.1	Handling & Storage:	Store between 0 and 30º C in the containers provided and replace closure after use. Do not mix with other chemicals. Use only as directed. Wear protective clothing (see 8.below).			
Section 8:		EXPOSURE CONTROLS/PERSONAL PROTECTION			
8.1	Personal Protection:	Wear gloves and eye/face protection. If splashing or spillage is a potential hazard, wear rubber boots and waterproof apron or suit.			
8.2	Workplace Exposure Limits (WELs):	Sodium hydroxide has been allocated a Short-term Exposure Limit (STEL) of. 2 mg/m³ and the product contains 4.5% of this material in aqueous solution..			

Section 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1	Appearance	Slightly hazy, colourless liquid.
9.2	Odour	Slight detergent odour.
9.3	pH	10%: 13.0 1%: 12.0
9.4	Density @20°C	1.05 g/ml
9.5	Flash Point	Non-Flammable
9.6	Solubility in Water	Completely soluble.
Section 10: STABILITY AND REACTIVITY		
10.1	Stability and Reactivity:	Stable under normal conditions of use and storage.
Section 11: TOXICOLOGICAL INFORMATION		
11.1	Contact with eyes:	Will cause irritation burning and permanent damage if not rinsed away with water immediately after contact.
11.2	Contact with skin:	Will cause burning and redness.
11.3	Ingested:	Will irritate and burn mouth, throat and digestive system.
11.4	Inhaled:	If spray or mist is inhaled, will cause soreness and irritation of nose, throat and respiratory tract.
Section 12: ECOLOGICAL INFORMATION		
12.1	Ecological Information:	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them, at their direct request or at the request of a detergent manufacturer. Main concern is the high alkalinity of the product; it should not be allowed to enter the surface drainage system.
Section 13: DISPOSAL CONSIDERATIONS		
13.1	Disposal:	Before disposal of neat or diluted solutions, seek advice of local water authority. Small, well diluted volumes should not cause any problems at local waste water treatment plants but even so, permission should be sought before discharge.
Section 14: TRANSPORT INFORMATION:		
14.1	Proper Shipping Name:	Corrosive Liquid N.O.S
14.2	UN No:	1760
14.3	Hazard Class:	CORROSIVE 8
14.4	Packing Group:	III.
14.5	H.I No:	80
Section 15: REGULATORY INFORMATION:		
15.1	COSHH	The preparation requires a formal COSHH assessment which should ensure that employees are aware of hazards/precautions detailed in this data sheet. The COSHH assessment should also ensure that recommended safety equipment is available and, where applicable, the exposure limits detailed in Section 8 are not being exceeded.
Section 15: REGULATORY INFORMATION:		
15.2	Label for Supply:	 <p>CORROSIVE</p>
15.3	Risk Phrases:	R34: Causes burns

Section 15: REGULATORY INFORMATION:		
15.4	Safety Phrases:	<p>S24/25 Avoid contact with skin and eyes.</p> <p>S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.</p> <p>S45: In case of accident or if you feel unwell, seek medical advice immediately (show label or this data sheet).</p>
15.5	UK Regulatory Ref:	<p>U.K. Regulatory References: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 which closely follows the European Commissions labeling guide (Annex VI to Directive 67/548/EEC).</p> <p>The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 aligned with ADR.</p> <p>Workplace Exposure Limits EH40.2005 (2nd edition published 2011).</p> <p>REACH: Regulation 1907/2006/EC effective June 1st, 2007. The raw materials used in this preparation have been pre-registered in accord with the requirements of REACH.</p>
Section 16: OTHER INFORMATION		
16.1	Other Information:	It is the responsibility of the user to ensure safe working conditions. The health hazards and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe working environment.