



Leak Detector Concentrate

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY						
Product Name	Leak Detector Concentrate.					
Identified Uses	A straw coloured viscous liquid with the properties of being high foam generating for the detection of gas leaks.					
Address / Phone Number	Delf (UK) Ltd Unit 2 Hickmans Road Birkenhead Wirral CH41 1JH Tel: (00 44) 151 630 0405 Fax: (00 44) 151 630 0406 E-mail: info@delf-uk.com					
Emergency Phone Number	IN AN EMERGENCY DIAL LOCAL EMERGENCY SERVICES 999					
2. HAZARDS IDENTIFICATION						
2.1 Classification of the substance or mixture	Physical Hazard	Not Classified as hazardous				
	Health hazards	H319 - Eye Irrit. 2				
	Environmental hazards	Not Classified as hazardous				
2.2 Label Elements	GHS Pictogram		Warning	CHIP Symbol		
Hazard statements	H319	Causes serious eye irritation.				
Precautionary Statements	P102	Keep out of reach of children.				
	P103	Read label before use				
	P280	Wear eye protection.				
	P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing				
	P301 + P312	If swallowed: Call a POISON CENTRE or doctor/physician if you feel unwell				
	P337+P313	If eye irritation persists: Get medical advice/attention				
P501	Dispose of contents/container in accordance with local regulations.					
2.3 Other Hazards	This product does not contain any PBT or vPvB substances.					
3. COMPOSITION / INFORMATION						
Mixture	Contains Anionic, Non Ionic Surfactants and Foam Boosters.					
Hazardous Ingredient(s)		CAS No:	EC No:	REACH REG No:	Concentration %	
	Sodium (C12-14) Alkyl Ethoxy Sulphate	68891-38-3	500-234-8	01-2119488639-16-XXXX	10 – 30	
	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	85536-14-7	287-494-3	01-2119490234-40-XXXX	5 – 15	
	Amines, C12-14, Alkyldimethyl N-Oxide		931-292-6	01-2119490061-47-XXXX	1 - 10	
	C10-16, Alcohols Ethoxylated	160901-19-9		Polymer	1 - 10	
		Classification (EC 1272/2008) GHS				
	Sodium (C12-14) Alkyl Ethoxy Sulphate	Eye Dam. 1 H318, Skin Irrit. 2 H315 Aquatic Chronic 3 H412				
	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	Acute Tox.4 H302, Skin Corr.1C H314 Aquatic Chronic 3 H412				
	Amines, C12-14, Alkyldimethyl N-Oxide	Eye Dam. 1: H318; Acute Tox. 4: H302; Skin Irrit. 2: H315; Aquatic Acute 1: H400; Aquatic Chronic 2: H411				
	C10-16, Alcohols Ethoxylated	Acute Tox. 4 (Oral) H302 Eye Dam. 1 H318				
4. FIRST AID MEASURES						
4.1 Description of First Aid Measures						
General advice	Remove from exposure					

4. FIRST AID MEASURES contd.			
Eye Contact	Immediately irrigate eye with plenty of water or eye-wash solution for 10 minutes. If irritation persists Obtain medical attention.		
Ingestion	Only if person is conscious, rinse mouth out with plenty of water and give 200-300ml water to drink. DO NOT INDUCE VOMITING. Keep patient at rest and if discomfort persists obtain medical attention.		
Inhalation	If person inhales to spray mist move into fresh air, and if recovery is not rapid seek medical attention.		
Skin Contact	Remove contaminated clothing. Wash affected area with plenty of soap and water. If in doubt or symptoms persist obtain medical attention. Launder clothing before re-use.		
4.2. Most Important Symptoms and Effects, Both Acute and Delayed			
General Information	The severity and nature of the symptoms described will vary dependant of the concentration and the length of exposure.		
Inhalation	May cause Irritation of nose and throat		
Ingestion	May cause irritation to mucous membranes and digestive tract. May cause nausea, and stomach pains		
Skin Contact	Prolonged contact may cause dryness and cracking to the skin.		
Eye Contact	Irritation to eyes and mucous membranes.		
4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed			
	Treat Symptomatically		
5. FIRE FIGHTING MEASURES			
<i>Non-combustible or flammable</i>			
5.1 Extinguishing Media	Use extinguishing media suitable for surrounding fire or the cause of fire. Keep containers cool by spraying with water.		
5.2 Special Hazards	When heated and in case of fire, harmful vapours/gases may be formed.		
5.3 Fire Fighting Protective Equipment.	Wear self-contained breathing apparatus, and suitable protective clothing.		
6. ACCIDENTAL RELEASE MEASURES			
6.1 Personal Precautions	Avoid direct contact with skin, eyes and clothing. See exposure controls / personal protection (section 8).		
6.2 Environmental Precautions	Spillages or uncontrolled contamination of soil or discharges into watercourses, drains or sewers must be reported immediately to the Environment Agency, local water company or other appropriate regulatory bodies. Do not allow to contaminate vegetation, or enter drains or water courses.		
6.3 Methods and Material for Containment and Cleaning Up	Small Spillages: Flush area to drain with plenty of water. Large Spillages: Where possible, transfer to a container for reuse or disposal (see Disposal Considerations – Section 13). Contain and absorb using earth, sand or other inert material. Flush area to drain with plenty of water. Treat as industrial waste.		
6.4 Reference To Other Sections	. See exposure controls / personal protection (section 8).		
7. HANDLING AND STORAGE			
7.1 Precautions for Safe Handling	No specific usage precautions required. Use product in accordance with good industrial practices for handling and storing of chemicals. Avoid prolonged contact with skin and eyes.		
7.2. Conditions for Safe Storage, Including any Incompatibilities	Keep in the original packaging. Store in a cool dry well-ventilated area out of direct sunlight. Protect from extremes of temperature. Keep away from oxidising materials.		
7.3 Specific End Use(s)	Use of product identified in section 1.2. For more detailed information see Product Information Sheet and Label		
8. EXPOSURE CONTROL/PERSONAL PROTECTION			
8.1 Control Parameters			
Occupational Exposure Limits	Product	Long Term Exposure Limit (8 hr TWA)	Short Term Exposure Limit (15 Min)
		-	-
8.2 Exposure Controls			
Personal Protective Equipment		Wear chemical safety spectacles with side protection, goggles or face shield.	
		Chemical resistant protective gloves (EN 374). Suitable materials also with prolonged, direct contact	
9. CHEMICAL AND PHYSICAL PROPERTIES			
Appearance	Clear / Straw coloured liquid	Specific Gravity (20°C) (g/ml)	1.02 +/- 0.02
Odour	None	pH	7 approx (1% w/w solution)
Solubility	Soluble in water	Freezing Point	< 0° C

10. STABILITY AND REACTIVITY				
10.1. Reactivity	No specific hazards associated with this product.			
10.2. Chemical Stability	Stable under normal conditions of use, and when correctly stored.			
10.3. Possibility of Hazardous Reactions	No specific reactions identified.			
10.4. Conditions to Avoid	Excessive heat and cold.			
10.5. Incompatible Materials	No incompatible product groupings identified			
11. TOXICOLOGICAL INFORMATION				
10.6. Hazardous Decomposition Products	No hazardous decomposition products identified			
11.1 Toxicological information	We have not carried out any animal testing; as such we have no Toxicological Data particular to this product. The Toxicological Data, provided is supplied by the respective raw material manufacturer.			
Acute toxicity	Low toxicity			
Inhalation	N/a			
Skin contact	Repeated or prolonged contact may cause dryness and cracking to the skin.			
Eye contact	May cause irritation and soreness.			
Ingestion	May cause irritation to mucous membranes and digestive tract. May cause nausea, and stomach pains.			
Long Term Exposure	No long term effects identified.			
12.ECOLOGICAL INFORMATION				
12.1. Toxicity	Not viewed as dangerous to the environment.			
12.ECOLOGICAL INFORMATION contd.				
12.2. Persistence and Degradability	Not expected to inhibit aerobic and anaerobic activity.			
12.3. Bio-accumulative Potential	It is not expected to bio-accumulate.			
12.4. Mobility in Soil	Soluble in water.			
12.5. Results of PBT and vPvB Assessment	This product does not contain any PBT or vPvB substances			
12.6. Other Adverse Effects	No data available			
13. DISPOSAL CONSIDERATIONS				
Waste	Large quantities may only be disposed of in accordance with Waste Disposal Regulations.			
14. TRANSPORT INFORMATION				
UN Transport Name	N/a			
UN Number	N/a			
UN Primary Class	N/a			
UN Packaging Group	N/a			
Transport Hazard Symbol	-	Limited Quantity Exemption	Combination Packaging	Inner Packagings placed in shrink-wrap or other stretch-wrapped tray
			Max net quantity	Max net quantity
			-	-
Packaging	1 Ltr, 5 Ltr, 25 Ltr and 200 Ltr HDPE un containers			
Normal Carriage Temp.	Ambient.			
15. REGULATORY INFORMATION				
15.1. Safety, health and environmental regulations/ legislation specific for the substance or mixture	<p>This Safety Data Sheet prepared in accordance with</p> <ul style="list-style-type: none"> - Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). - Regulation (EC) No 1272/2008 Product Classification Labelling elements, Ingredients and lists their classification in GHS / CLP format. 			
15.2. Chemical Safety Assessment	Not applicable this product is a mixture.			
16. OTHER INFORMATION				
Sources of Information	Manufacturers Safety Data Sheets			
	Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.			
	EH40 Occupational Exposure Limits.			

16. OTHER INFORMATION contd.		
Hazard Statements	H302	Harmful if swallowed.
	H312	Harmful in contact with skin.
	H314	Causes severe skin burns and eye damage.
	H315	Causes skin irritation.
	H318	Causes serious eye damage.
	H319	Causes serious eye irritation.
	H411	Toxic to aquatic life with long lasting effects.
	H412	Harmful to aquatic life with long lasting effects.
Legal Disclaimer	The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. For further details see Delf (UK) Ltd conditions of sale (additional copies of this are available on request).	
Date of issue	September 2015 Rev 2	Approved By: Dr J Lee