









COSHH ASSESSMENT HYDROGEN SULPHIDE

FORM

Product Name(s):	Hydrogen Sulphide	COSHH Assess. No.:	20
Description of Substance:	Sewer gas	Assessed By:	
Workplace Exposure Limits:	5ppm LTEL (8 Hour TWA) 10ppm STEL (15 Minute)	Date:	
Task/Activity:	Man entry into a manhole or sewer for cleaning, inspection or maintenance.		
Suppliers Name & Address:		Telephone/ Fax No's:	
		MSDS Attached:	Yes / No

SUBSTANCE PROPERTIES

							
Flammable/ Highly Flammable	Oxidiser	Explosive	Harmful	Toxic/ Very Toxic	Irritant	Dangerous to the Environment	Corrosive
Yes	No	No	Yes	Yes	Yes	No	No







ROUTE OF EXPOSURE

Skin	X	Eyes	X	Inhalation	X
Ingestion		Cuts/ Abrasions		Injection	

PERSONS AT RISK

Users of the product	X	Members of Public	X	Visitors	
Other Workers	X	Young Persons	X		

PPE REQUIREMENTS

						Other:	Other:
Yes	Yes	No	Yes	Yes	No	Yes/No	Yes/No

ADDITIONAL CONTROL MEASURES

General Precautions	Control Measures
<ul style="list-style-type: none"> ➤ Ensure that the above specified PPE is worn and that all staff are informed of the risks; control measures and precautions required when working with the substance. 	<ul style="list-style-type: none"> ➤ Ensure that adequate supervision is provided at all times. ➤ Before entering any sewer, ensure it has been well ventilated and that checks are made for the presence of hydrogen sulphide both before entering the manhole/sewer and at all times whilst within the sewer/manhole.

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First Aid/Hygiene Arrangements	Fire Precautions
<ul style="list-style-type: none"> ➤ Wash skin thoroughly with soap and clean water ➤ If contact is made with the eye, immediately flood the eye with plenty of clean water for at least 10 minutes and seek immediate medical attention. ➤ If inhalation or ingestion occurs, seek immediate medical attention. ➤ Wash out the mouth with clean water where appropriate. 	<ul style="list-style-type: none"> ➤ No smoking to be permitted in the vicinity of the works. ➤ No hot works to be allowed in the vicinity of the works.

LEV Requirements	Monitoring Requirements
<ul style="list-style-type: none"> ➤ Ensure that the work area is well ventilated at all times. ➤ If entering or working in an area containing Hydrogen Sulphide, full breathing apparatus must be worn at all times. 	<ul style="list-style-type: none"> ➤ Consider additional monitoring if this product is to be used within a confined space. ➤ Provide additional monitoring where young or inexperienced workers are carrying out the works.

Transport Arrangements	Storage Requirements
<ul style="list-style-type: none"> ➤ N/A 	<ul style="list-style-type: none"> ➤ Store in a dry, well ventilated and secure store. ➤ Always store upright with the lids firmly secured. ➤ Protect from extremes of temperature.

Spillage Procedures	Disposal Requirements
	<ul style="list-style-type: none"> ➤ Avoid discharge to atmosphere. ➤ Do not discharge into any place where its accumulation could be dangerous, such as basements or other confined spaces

Comments
<p>This is only a preliminary assessment based on generic information for similar products.</p> <p>This assessment must be reviewed and amended by a competent person prior to its contents being used. This is to ensure that consideration is given to site specific circumstances or differences which may affect the original assessment. It is the employers responsibility to ensure that a suitable and sufficient assessment of the risks is undertaken when using any material which may be hazardous to health.</p> <p>An up to date Material Safety Data Sheet (MSDS) should be obtained from the supplier and reviewed alongside this assessment to ensure that the control measures are suitable and remain valid.</p>