








COSHH Risk Assessment Vantage Drain Services

Section 1 – General Information						
Task/Activity:	Disinfecting	Ref:	VDS050722-1JF			
Assessors Name	M D Services Ltd	Assessment Date				
		05/07/2022				
Description of Task / Activity					Next Review	
Using Jeys Fluid to disinfect and clean areas which previously contained sewerage surcharge					Every 12 months	<input checked="" type="checkbox"/>
					Every 6 Months	<input type="checkbox"/>
					Immediately after any task/activity changes and/or incidents/accidents	
How often is the task undertaken (daily, weekly etc): as required (Daily)						
Task Duration (approximately): 10 mins			Numbers of persons involved: 1			
Section 2 – Hazardous Substance Information						
Hazardous Substance(s) used (trade name, ingredients etc):		Fuels, Petrol				
How is the Substance(s) used (Sprayed, diluted, brushed, mixed, applied by hand etc):		Poured using approved fuel container and spout				
Indicate the Hazard(s) associated with Hazardous Substances used:						
						
Harmful to the environment	Flammable	Oxidising	Corrosive	Acute Toxic	Health Hazard	Serious Health Hazard
Indicate what form(s) the Hazardous Substances take:						
Gas	Vapour	Mist/Aerosol	Fume	Dust	Liquid	Solid
Indicate what Route(s) of Exposure the Hazardous Substances take:						
Inhalation	Ingestion	Absorption (Skin)	Instillation (Eyes)	Penetration		
Workplace Exposure Limits (WEL) refer to MSDS and/or HSE Publication EH40						
LTEL (8 hr TWA)	PPM or Mg/M ³			STEL (15 min)	PPM or Mg/M ³	
	N/A				N/A	
List the Risks to Health from Exposure to the Hazardous Substance(s)						
List all relevant Hazard Statements:	H302 Harmful if swallowed. H312 Harmful in contact with skin. H317 May cause an allergic skin reaction. H318 Causes serious eye damage.					
List all relevant Precautionary Statements:	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P280 Wear protective gloves.					

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	<p>Wear eye protection.</p> <p>P332 If skin irritation occurs:</p> <p>P313 Get medical advice/attention.</p> <p>P362 Take off contaminated clothing and wash before reuse</p> <p>P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P302+352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER or doctor/physician.</p>
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Section 3 – Risk Assessment

Who Might Be Harmed?

Staff: Contractors: Members of the Public:
 Visitors: Others: (please note) _____

Estimation of the Toxic Severity (Dose)

(1) Quantity Used:	Score	(2) Health Hazard:	Score
Small: Quantities up to 1g or ml	1	Low Hazard: Includes Hazard Statements: H313, H315, H316, H319, H320, H333, H335, H336	1
Medium: Quantities between 1 to 150g or ml	2	Medium Hazard: Includes Hazard Statements: H303, H311, H314, H317, H318, H332, H334, H371, H375	2
Large: Quantities over 150g or ml	3	High Hazard: Includes Hazard Statements: H300, H301, H302, H304, H305, H310, H330, H331, H340, H341, H350, H351, H360, H361, H362, H370, H372	3
Score 1:	3	Score 2:	3

Estimation of the Probability of Exposure

(3) Dustiness/Volatility of Substance	Score	(4) Duration of Exposure	Score
Low: <u>Solids</u> Materials that do not break up easily with little or no dusts observed during use <u>Liquids</u> Boiling Point over 150°C	1	Short Exposure: Short periods measured in minutes & where any WEL is not exceeded at any time	1
Medium: <u>Solids</u> Crystalline or granular materials with minimal dusts or dusts which settle out quickly <u>Liquids</u> Boiling Point between 50 & 150°C	2	Medium Exposure: Periods exceeding 1 hour but not exceeding 4 hrs	2
High: <u>Solids</u> Fine, light powders or fibres with dusts which remain airborne for long periods <u>Liquids</u> Boiling Point below 50°C All <u>Gases, Mists, Fumes & Aerosols</u>	3	Long Exposure: Full working shift (over 4 hrs) & if the WEL is exceeded at any time	3
Score 3:	3	Score 4:	1

Risk Rating

Score 1: <input type="text" value="3"/> Score 3: <input type="text" value="3"/> + Score 2: <input type="text" value="3"/> + Score 4: <input type="text" value="1"/> = Total A <input type="text" value="6"/> = Total B <input type="text" value="4"/>	A <input type="text" value="6"/> X B <input type="text" value="4"/> = <input type="text" value="24"/>	0-4: Tolerable 5-12: Medium Risk 13-20: High Risk 21+: Extreme Risk
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Scores of 0 – 4 indicate a tolerable risk where standard controls are in place (including following the manufacturers instructions and basic hygiene procedures)

Scores over 4 will require additional control measures (complete section 4)

Tasks scoring over 21 must be stopped immediately until further controls can be implemented

Are Additional Controls required?

YES NO

Is it possible to use a less harmful substance to do the work?

YES NO

Remember: if a safer alternative is available, consider using it, unless you have a valid reason for continuing to use your current substance.

Section 4 – Controls

Prevention of Exposure

Can the Hazardous Substance(s) be <u>eliminated</u> from the process?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Give Details:
Are measures in place to <u>exclude non essential personnel</u> from the area?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Give Details: SIGNAGE IS USED AT AREAS PROHIBITING NON AUTHORISED PERSONS.










Control of Exposure

Can the <u>quantities</u> of the hazardous substances be reduced?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Give Details:
Can the <u>form</u> of the Hazardous Substance(s) be changed to make it safer (i.e. substituting powder for pellets etc)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Give Details:
Can the <u>exposure time</u> of workers be reduced?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Give Details:
Can natural <u>ventilation</u> in the work area be improved (i.e. opening windows etc)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Give Details: WHEREVER POSSIBLE ENSURE ANY WINDOWS OR VENTILIATION SYSTEMS ARE IN USE.
Is <u>Local Exhaust Ventilation</u> (LEV) required?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Give Details:
Does any part of the process need to be partially or totally <u>enclosed</u> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Give Details:

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Administration Controls		
Do <u>vulnerable persons</u> need to be excluded from this activity or area (i.e. nursing mothers etc)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Give Details: NO VULNERABLE PERSONS SCHOOL LEAVING AGE (under 18) OR EXPECTANT MOTHERS PERMITTED TO CARRY OUT THESE TASKS
Is any special <u>training</u> required for the task and/or the Hazardous Substance(s) used?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Give Details: ALL EMPLOYEES RECEIVE TOOLBOX TALKS REGARDING THE SAFE USE OF FUEL
Are any <u>warning signs</u> , notices and/or barriers required?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Give Details: STORAGE UNITS CONTAIN MANDATORY SIGNS WITH DO/ DO NOT REQUIREMENTS

Section 4 – Controls

PPE - Eye/Face Protection (Instillation & Absorption)					
		Type & Standard:			Type & Standard:
Goggles			Full Face Visor		
RPE - Respiratory Protective Equipment (Inhalation & Ingestion)					
		Type & Standard:			Type & Standard:
Dust Mask			Respirator		
		Type & Standard:			
BA Set					
PPE - Skin & Body Protection (Absorption)					
	X	Type & Standard:			Type & Standard:
Gloves		Nitrile gloves (EN 374)	Overalls		
		Type & Standard:			Type & Standard:
Safety Footwear		STEEL TOE CAPPED LACED BOOTS EN ISO 20345:2011	Other		

Section 5 – Additional Controls

Are there any materials that will create an <u>additional hazard</u> if exposed to the Hazardous Substance(s)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Give Details:
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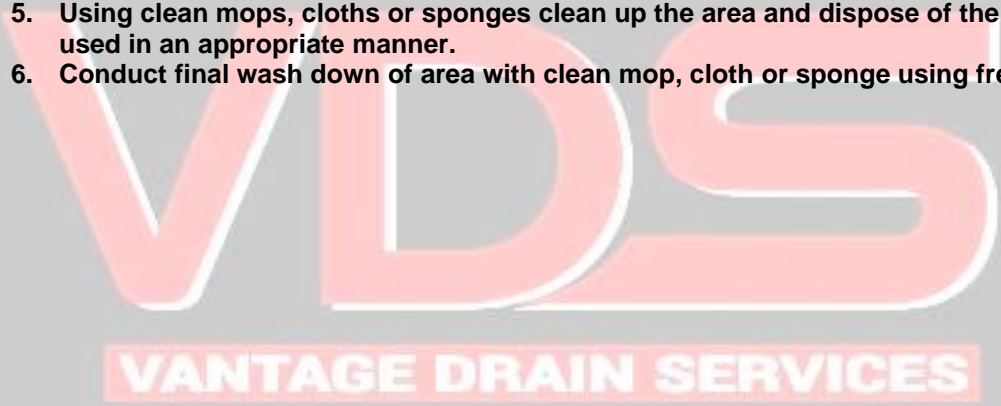
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Is <u>Exposure Monitoring</u> required (in line with Reg 10 of COSHH)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Give Details:				
Is <u>Health Surveillance</u> required (in line with Reg 11 of COSHH)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Give Details:				
Lone Working Allowed?		<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="background-color: #00FF00;">Yes</td> <td style="background-color: #FF0000;">No</td> </tr> <tr> <td style="color: blue;">X</td> <td></td> </tr> </table>	Yes	No	X	
Yes	No					
X						
Permit to Work Required?		<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="background-color: #808080;"></td> <td style="background-color: #808080;"></td> </tr> <tr> <td></td> <td style="color: blue;">X</td> </tr> </table>				X
	X					

Section 6 – Safe System of Work

Detail how the task will be completed safely:

1. Don appropriate PPE for task
2. Clear any heavy deposits
3. Using clean water wash down areas affected using mops, cloths or sponges.
4. Dose a bucket of water with the quantity of Jeyes fluid as required.
5. Using clean mops, cloths or sponges clean up the area and dispose of the materials used in an appropriate manner.
6. Conduct final wash down of area with clean mop, cloth or sponge using fresh water.



Equipment/Stores Required:

List all stores and/or equipment required for the task: **PETROL APPROVED FUEL CAN TO UN 6210/3A1, AND STORED ON SITE WITHIN A FLAM BOX WITH UPPER AND LOWER VENTILATION TO ENSURE NO BUILD UP OF EXPLOSIVE GASES.**

Section 7 – Emergency Information

What actions should be taken in the event of any fires involving the substance?

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

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Unusual Fire & Explosion Hazards None known. Specific hazards The product is non-combustible. If heated, toxic vapours may be formed.	
Fire Extinguisher type(s) that can be used?	STRONG WATER JET.
First Aid: What actions should be taken if the substance is:	
Inhaled: No specific symptoms noted	Ingested: Harmful if swallowed
In Contact with the Skin: Harmful in contact with skin. Skin irritation. May cause an allergic skin reaction	In Contact with the Eyes: Causes serious eye damage.
Spillages: How should accidental release/spillages of this substance be dealt with?	
Personal precautions, protective equipment and emergency procedures Avoid contact with skin and eyes. Environmental precautions Collect and dispose of spillage. Methods and material for containment and cleaning up Wear necessary protective equipment. Absorb with sand or other inert absorbent. For waste disposal,	

Section 8 – Summary

Have the persons completing this task been provided with sufficient <u>information and training</u> * to complete it safely?	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
Are all of the identified <u>controls in place and effective</u> ?	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
Are all hazards to health <u>adequately controlled</u> ?	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
* As a minimum, ensure a copy of this assessment (and any relevant MSDS) is available to persons carrying out this task				

Section 9 – Document Control / Authorisation

Checked and Authorised By (Name) :	Checked and Authorised By: (Sign)	Date:
Matthew Duffy, Grad IOSH	<i>M. Duffy</i>	05/07/2022

Section 10 – Record of Training

The following people have been inducted on this COSHH Assessment and associated Safe System of Work (SSoW) and have been given the opportunity to ask questions. They agree to comply with the specified arrangements and control measures and will seek further advice if the work activity changes and/or the agreed controls cannot be implemented for any reason.

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Name	Date	Signature

- This form aids in assessing the risks associated with the use of chemicals and other substances hazardous to health
- It does not address the risks associated with biological agents or ionising radiation
- With respect to DSEAR, this form may be used to assess risks arising from small scale operations where hazard zoning is not necessary and the controls required largely mirror those in the COSHH Regulations
- This form is not suitable for assessing flammability and/or explosion risks from large scale operations or where hazard zoning is required (as this will require a more detailed assessment)



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