



GeoSurveys



**PROJECT DESIGN
& RISK ASSESSMENT METHOD STATEMENTS
FOR GEOPHYSICAL SURVEY**

**Land at Pound Farm, Ickleford,
Hertfordshire, SG5 3RS**

Client
Tetra Tech

For
Bugler Homes LTD

Ref. No.
SUMO-25078

OASIS Ref. No.
Sumogeop1- 538926

Date
02/12/2025

SUMO GeoSurveys
Suite 1, Deer Park Business Centre
Woollas Hill
Eckington, Pershore
Worcestershire
WR10 3DN
T: 01684 592266

geosurveys@sumoservices.com
www.sumoservices.com

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Surveyors:

	Signature
	Signature
	Signature
	Signature

Prepared By	Signature	Date	Approved By	Signature	Date
Fiona Sidley		15.12.2025	Simon Haddrell		15.12.2025
Updated by	Signature	Date	Approved By	Signature	Date

1 INTRODUCTION, SITE LOCATION

- 1.1 **SUMO GeoSurveys** on behalf of **SUMO Services Ltd** has been contracted to carry out a geophysical survey.
- 1.2 This survey forms part of the programme of pre-determination archaeological works.
- 1.3 The site consists of 21.5ha of land at Pound Farm, Ickleford, Hertfordshire (See Figure 1).
- 1.4 The site work will take place from 05/01/2026 until 09/01/2026, pending confirmation of site conditions.
- 1.5 Preliminary results will be available within a couple of days after completion of fieldwork.
- 1.6 Final report is typically available 1 week after completion of fieldwork.

2 SURVEY OBJECTIVE (S)

- 2.1 To determine the presence/absence of archaeological features. The results of the survey will inform the requirement and scope for further archaeological investigation.

3 CRITERIA FOR THE SELECTION OF THE GEOPHYSICAL METHOD

- 3.1 Bedrock geology: Gault Formation - Mudstone.
Superficial geology: Glaciofluvial Deposits, Mid Pleistocene - Sand and gravel (BGS 2025).
- 3.2 Archaeology: Extract from Archaeological Desk-based Assessment. Land South of Pound Farm, Bedford Road, Hitchin, Hertfordshire SG5 3RS. 794-PLN-HER-02031. November 2025. RPS Group Limited. Now Tetra Tech Ltd.

Figure 2a confirms the presence of Areas of Archaeological Significance, which lie to the east, northwest and southwest of the study site. These designations are understood to hold no particular planning policy status and are understood to have been designated by the Hertfordshire Historic Environment Record (HER) due to recorded archaeological findings.

The study site is considered likely to have a generally low to moderate archaeological potential for the later prehistoric periods, together with the Roman, and Medieval periods, for remains deemed most likely to be of low (i.e. local) significance. The identified archaeological potential for all other periods of human activity is anticipated to be generally low.

The study site has remained undeveloped farmland throughout its documented history. Impacts as a result of agricultural and/or horticultural activities may be considered likely to have had a moderate, widespread negative archaeological impact.

- 3.3 Detailed magnetic survey has been selected as the most suitable technique for this site as it can detect a wide range of features including those that may be associated with later prehistoric occupation, roman activities and medieval settlement such as ditches, land boundaries and agricultural features, including ridge and furrow. It is also fast and more suited to prospection over large survey areas.
- 3.4 There are no Scheduled Monuments on the site thus Scheduled Monument Consent is not required.

4 SITE METHODOLOGY

- 4.1 Before traveling to site, ensure that all equipment is full charged and serviceable, include checking all cables and replacing any that show signs of wear and tear. Any operatives who have medical conditions/allergies or require medication are to inform their line manager and site supervisor and ensure they have the medication with them.
- 4.2 Ensure you wear appropriate clothing and Company Issue PPE for the site conditions. If weather conditions are poor before commencing work, speak with your line manager and if conditions deteriorate whilst on site to a point where it will affect the equipment/results or make working uncomfortable/unsafe, stop work and find safe shelter and speak to your line manager.
- 4.3 Upon arrival at site all Operatives will report to the clients representative to sign in and undertake site induction and orientation as necessary.
- 4.4 The whole survey team will “walk” the site to confirm the survey area and identify any additional risks which may not have been present at the time of initial quoting the works. These will be added into this document on the Dynamic Risk Assessment page. The Lead Surveyor will conduct a toolbox talk on the RAMS (including additions) and all team members will sign off the front of this document.
- 4.5 A temporary grid system will be established over the site and marked out using wooden pegs or canes. The location of the grid will be set out using an RTK GPS system theoretically accurate to some 0.01m and referenced to OS co-ordinates.

Dependent upon access agreements and ground conditions, either a cart or hand-held system will be employed.

- 4.6 **Cart System:** Data will be collected using a cart carrying four Bartington magnetic sensors (see below) or Foerster sensors. Each data point is geographically referenced using an on-board Trimble RTK survey grade GPS system. Readings will be taken at 0.125m centres along traverses 1.0m apart.
- 4.7 **Hand-Held:** Data will be collected using a Bartington Grad 601-2. The instrument consists of two paired sensors (see below) and readings are logged at 0.25m centres along traverses 1.0m apart across 30m grids. The collection of data at 0.25m centres provides an appropriate methodology balancing cost and time with resolution as per Historic England guidelines.
- 4.8 **Sensors:** Four sensors mounted 1m horizontally apart and very accurately aligned to nullify the effects of the earth's magnetic field. Readings relate to the difference in localised magnetic anomalies compared with the general magnetic background.
- 4.9 **Cart System:** The readings are logged directly onto a laptop and stored on cloud based backup daily.
- 4.10 **Hand-held:** The readings are logged consecutively into the data logger which in turn is daily downloaded into a portable computer whilst on site. At the end of each job, data are transferred to the office for processing and presentation.

5 REPORTING AND ARCHIVING

- 5.1 The report for the survey will comprise a written section describing the background to the survey, the methodologies used and a discussion of the results. The text will be illustrated using plots of the results using CAD to overlay the results and interpretations over the base mapping. The format for these drawings will either be A3 or A1 depending on the size and configuration of the survey areas.
- 5.2 Processing of the data will be carried out using the specialist software **Anomaly**. This can emphasise various aspects contained within the data, but which are often not easily seen in the raw data. Basic processing of the magnetic data involves 'equalising' the background levels with respect to adjacent traverses (Zero mean traverse). 'Despiking' is very occasionally performed to remove the anomalies resulting from small iron objects often found on agricultural land but this practice is not favoured as it creates a 'false' dataset. Once the basic processing has levelled the background it is then possible to carry out further processing including de-stagger and interpolation to emphasise the archaeological or man-made anomalies.
- 5.3 The presentation of the CAD drawings will include:
- a general location plan
 - detailed site location showing the grid position
 - grey scale plots of the minimally processed and processed data
 - Interpretation plot showing anomalies identified
- 5.4 As a minimum the report will contain;
- Non-technical summary
 - Introductory statement
 - Aims and purposes of the evaluation
 - Methodology
 - Results, including a confidence rating for the results and their interpretation
 - Conclusion
 - Plans/plots, including interpretive plans of the results
 - References
- 5.5 The archaeological DBA, if provided, will be consulted, along with historic mapping of the survey area to inform the interpretation of anomalies located during the survey. The degree of uncertainty pertaining to influences drawn from the results will also be discussed.
- 5.6 The full report will be uploaded to the OASIS database with a 12-month release delay unless informed otherwise.
- 5.7 The minimally processed data, data images, XY traces and a copy of this report are stored in SUMO GeoSurveys' digital archive, on an internal RAID configured NAS drive in the Midlands Office. These data are also backed up to the Cloud for off-site storage.
- 5.8 **Data Management plan**
- Project ID / OASIS ID
- SUMO-25078 / sumogeop1-538926

Project Name

Pound Farm, Bedford Road, Hitchin

Project Description

Detailed magnetic survey over approx. 21.5ha

Client

Tetra Tech

Project Manager

Rebecca Fradgley

Field Leader

TBC

Date DMP created

02/12/2025

Date DMP last updated

02/12/2025

Version

1

Technique - data

Detailed Magnetometry

Manual – cart - other

Cart / Handheld magnetometers.

Documentation and metadata

All documentation and data produced so far are stored on SUMO servers in a specific job file.

Data storage, access and back-up

- SUMO Secure server during the project life set up in a RAID configuration (a RAID configuration incorporates a level of data redundancy meaning if a single hard drive in fails data can still be restored).
- Snap shots of the data will be made at several intervals during the day to allow data to be restored for up to 30 days if changed / deleted.
- Once the final report has been completed data will be moved onto NAS drive set up in a RAID configuration.

- All data is backed up to an off-site location (Cloud storage).

ADS or other depository - Costs

ADS has not been requested, all data, reports and corresponding documentation are securely stored by SUMO.

Digital files and data to be selected for archiving

- Raw data in XYZ format .csv and .png plus .pgw world file
- Processed data as .png plus .pgw world file
- Survey written report .pdf
- Survey photos .png
- CAD and Vector graphics (interpretations) in .dwg format

Notes

6 STAFFING

- 6.1 Site work will be carried out by an appropriate number of field teams (led by an Experienced Team Leader) to complete the work within the given timescale. The Team will be co-ordinated from designated offices personnel, where the first point of contact for the client and site team will be:

Project Officer Rebecca Fradgley 07917 416 847 rebecca.fradgley@sumoservices.com

Team Leader TBC

7 WORKING PRACTICES AND STANDARDS

- 7.1 All site work and reporting will be carried out in accordance with the latest guidance documents issued by Historic England (EH 2008) (then English Heritage), the Chartered Institute for Archaeologists (CIfA 2014, updated 2022), the European Archaeological Council (EAC 2016)
- 7.2 **SUMO GeoSurveys** is a trading name of **SUMO Geophysics Limited** which is a **Registered Organisation** and as such is committed to upholding the standards and policies set out by the **Chartered Institute for Archaeologists**.
- 7.3 **SUMO GeoSurveys** (through its parent company **SUMO Services Ltd**) is a member of the **EuroGPR Association**
- 7.4 **SUMO** adheres to the following legislation and guidance:
- The Health and Safety at Work etc. Act 1974
 - The Management of Health and Safety at Work Regulations 1999 (as amended)
 - The Construction (Design and Management) Regulations 2015 (CDM)
 - Provision and Use of Work Equipment Regulations 1998 (PUWER)
 - RIDDOR – Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013
 - GS6 Avoiding danger from overhead powerlines 2013 (Fourth Edition)

- The Control of Substances Hazardous to Health (COSHH) Regulations 2002 (as amended)
- The Health and Safety (First Aid) Regulations 1981
- The Personal Protective Equipment at Work (Amendment) Regulations 2022
- Manual Handling Operations Regulations 1992
- The Health and Safety (Consultation with Employees) Regulations 1996

8 HEALTH AND SAFETY

- 8.1 Colin Carnachan, Managing Director is the responsible post holder for Health & Safety matters; **SUMO** also employs an external Health & Safety advisor who can be consulted if necessary.
- 8.2 All **SUMO** team leaders are first-aid trained, with all of our field operatives being part of a rolling programme of first-aid training.

The priorities for First Aid are:

- Access the situation and identify the injury or illness.
- Call the First Aider or the Appointed Person or the Emergency Services if necessary
- Check for dangers e.g. fire, falling objects, electricity. Do not put yourself at risk.
- Remain with the casualty, give emergency aid and assure the patient that help is on the way.
- Do not move the patient or offer drinks as this could make the injuries worse

First Aiders:

HSE First Aiders: Sean Bristow

All site personnel are Appointed Persons First Aid trained

Each SUMO Group van is equipped with a First Aid Box and it is the responsibility of all SUMO Group Employees using the van to ensure it is adequately stocked and items have not expired.

- 8.3 All **SUMO** team leaders are first-aid trained, with all of our field operatives being part of a rolling programme of first-aid training.
- 8.4 All **SUMO** field teams are equipped with mobile phones for use in an emergency.
- 8.5 In the event of an emergency the team will immediately stop work and report the incident to the relevant emergency services and **SUMO** head office. If it is safe to do so they will administer first-aid and render assistance to any emergency teams on site.
- 8.6 **SUMO** will monitor the general safety arrangements and will communicate any further requirements / short falls to the client.
- 8.7 **SUMO** site personnel will be equipped with full Personal Protective Equipment (PPE).
- 8.8 In the event of an Accident: all **SUMO** site operatives are trained to Appointed Persons standard and all vehicles carry first aid kits. In the event of a serious injury/accident dial 999.

8.9 In case of minor injury, the closest **A & E Hospital** – see Figure 2.

8.10 **Welfare Facilities** – see Figure 3.

8.11 **Emergency Contacts**

In the event of an accident staff to report in accordance with Sumo Ltd's Health and Safety Policy and in accordance with RIDDOR.

Name	Company	Role	Telephone
Colin Carnachan	SUMO Services Ltd	Managing Director	02392 415020
Simon Haddrell	SUMO GeoSurveys	Operations Director	01684 592266
Rebecca Fradgley	SUMO GeoSurveys	Project Officer	07917 416 847
TBC	SUMO GeoSurveys	On site Team Leader	
Richard von Kalinowski-Meager	Tetra Tech	Client	0207 832 1487 07764830956

9 PPE

Issued personal protective equipment

	Hi Vis Trousers (Yellow & Orange) to EN471
	White Safety Helmet to EN397
	Safety Boots to EN 345 or EN ISO 20345
	Safety Specs/Goggles to EN166 B349
	Ear Plugs to EN 352-2
	Builders Grip Gloves to EN 388

Hi Vis Trousers, Hi Vis Waistcoats, Safety Boots and Gloves, Safety Helmet, Specs/Goggles and ear plugs are to be worn as and when site conditions or client's requirements necessitate them.

10 CARBON REDUCTION PLAN

SUMO Services Ltd have a companywide carbon reduction policy (see page 13) and environmental policy.

In all operational aspects of the archaeological project, including setup, fieldwork, and subsequent reporting stage, SUMO Geophysics Ltd will conform to ClfA policy and guidance on Carbon Reduction (Carbon Reduction Guide Table, ClfA 2020) and environmental protection and our own internal Environmental Policies. SUMO provides professional surveying services, and the nature of our work has minimal environmental impact and although we do not have an EMS certificate, we work strictly to our internal EMS of maintaining profitability balanced with reducing environmental impact. Our surveys are noiseless, produce no electrical or toxic emissions and are non-intrusive.

11 INSURANCES

11.1 **SUMO** carries a limit of £10 million Employers liability insurance.

11.2 **SUMO** carries a limit of £15 million Public liability insurance and Products liability insurance.

11.3 **SUMO** carries a limit of £5 million Professional Indemnity insurance

12 References

BGS 2025 *Geology of Britain Viewer*, British Geological Survey, website:
(<http://www.bgs.ac.uk/opengeoscience/home.html?Accordion1=1#maps>)

ClfA 2020 *Standard and Guidance for Archaeological Geophysical Survey*. 2014 amended 2020. ClfA Guidance note. Chartered Institute for Archaeologists, Reading
https://www.archaeologists.net/sites/default/files/ClfAS%26GGeophysics_3.pdf

CU 2025 *The Soils Guide*. www.landis.org.uk. Cranfield University, UK. website:
<http://mapapps2.bgs.ac.uk/ukso/home.html>

EAC 2016 *EAC Guidelines for the Use of Geophysics in Archaeology*, European Archaeological Council, Guidelines 2.

EH 2008 *Geophysical Survey in Archaeological Field Evaluation*. English Heritage, Swindon (now withdrawn, but used for evaluating suitability of soil types)

HG 2025 *Heritage Gateway Online Viewer*, website:
<https://www.heritagegateway.org.uk/gateway/>

Figure 1
Site Location



Figure 2
Nearest Hospital

Luton & Dunstable University Hospital Emergency Department, 31 Lewsey Road, Luton, LU4 0DZ.
Tel: 01582 491166.

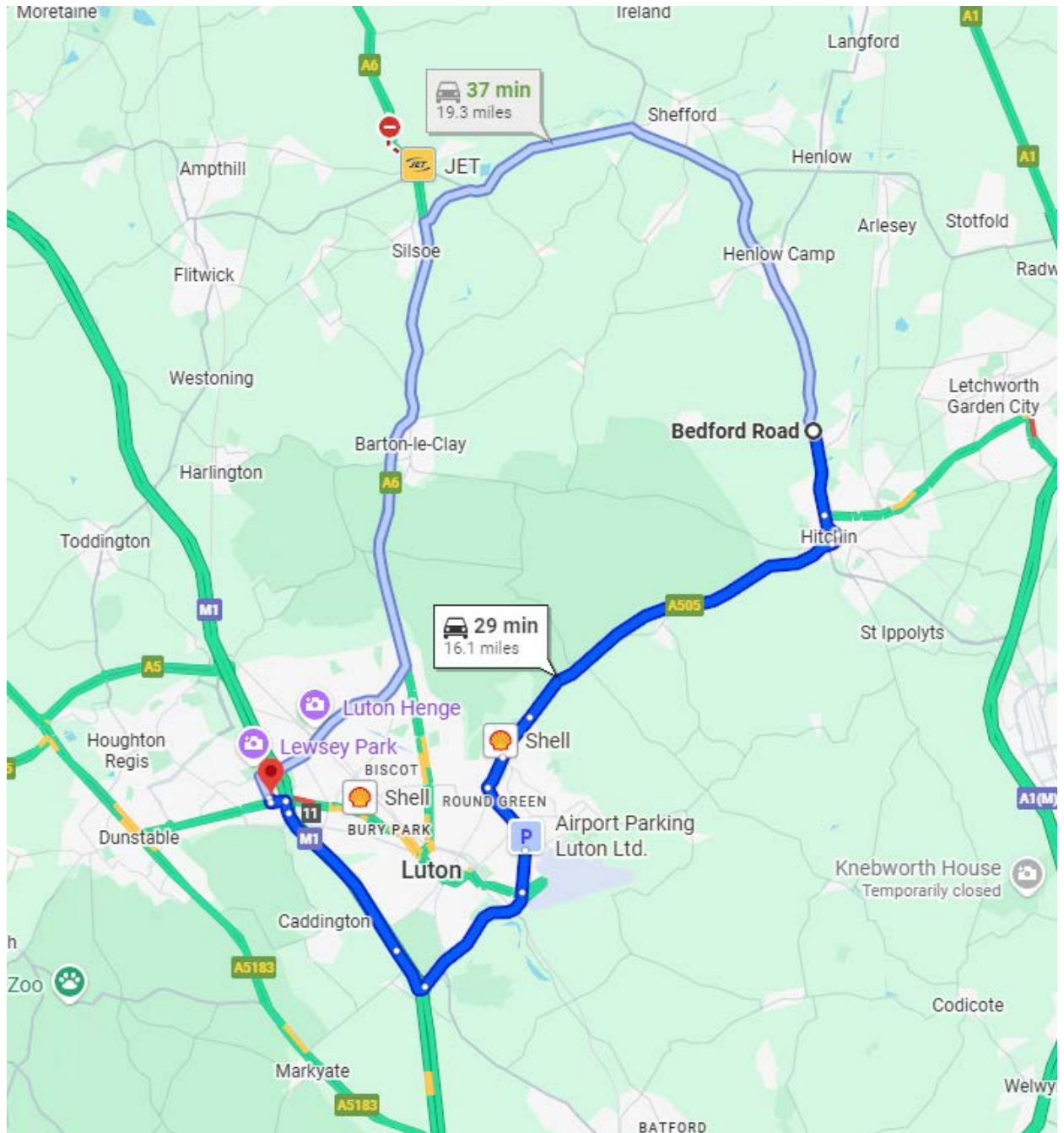
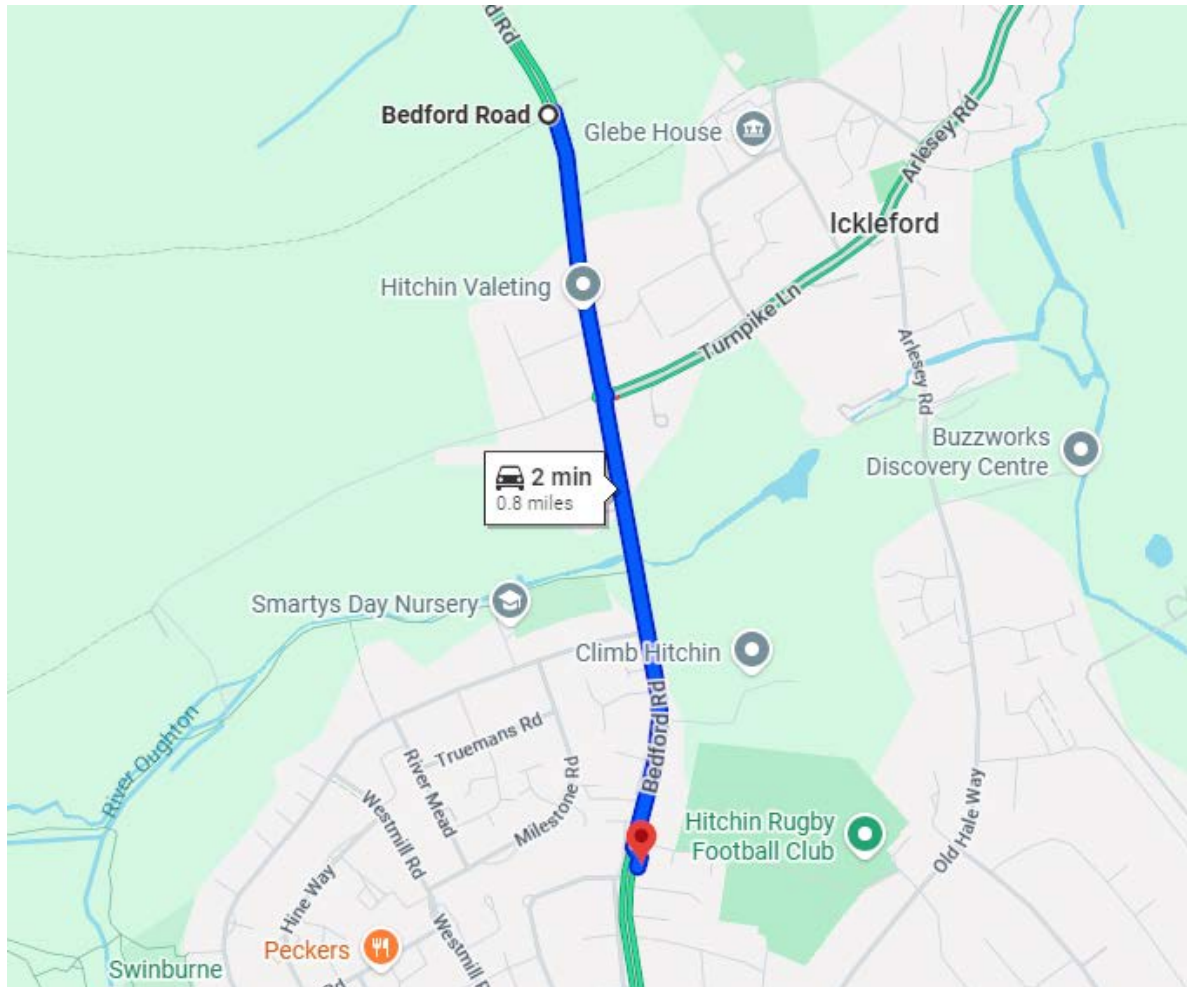


Figure 3 Welfare Facilities

Surveyors will use client site facilities only with prior permission. In the event that welfare facilities are not available at the site, then staff will use local public amenities.

Hand gel / wipes / water carrier for hand washing at remote locations must be carried at all time. The team Leader is responsible for re-stocking these when away from the office.

The closest public amenities are at:
BP, Bedford Road, Hitchin, SG5 2UG.





KEY					
BT	BT	BT	KCOM	KCOM	
CL	CL	CL	KPN	KPN	
COLT	COLT		LU POWERLINK	LU POWERLINK	
CITY FIBRE	CITY FIBRE		SEARCH AREA	SEARCH AREA	
CSP FIBRE	CSP FIBRE		SEWER >>	FW SEWER	
LV	LV	LV	SEWER >>	SW SEWER	
HV	HV	HV	SEWER >>	COM SEWER	
EHV	EHV	EHV		SKY	
ENERGETICS	ENERGETICS	UK	SSE TEL	SSE TELECOM	
ES PIPELINES	ES PIPELINES		TATA	TATA	
EU NETWORKS	EU NETWORKS		TELENT	TELENT	
FULCRUM	FULCRUM		TFL	TFL	
GAMMA	GAMMA		VERIZON	VERIZON	
LP GAS	GAS - LP		VIRGIN	VIRGIN	
MP GAS	GAS - MP		VODAFONE	VODAFONE	
IP GAS	GAS - IP		WATER	WATER	
HP GAS	GAS - HP		ZAYO	ZAYO	
GTC	GTC		G NETWORK	G NETWORK	
GTT	GTT				
INSTALCOM	INSTALCOM				

LINES MAY INDICATE MULTIPLE ASSETS

NOTES:

- THIS DRAWING IS A REPRESENTATIVE "FUSION PLAN" COMPILED FROM PLANS PROVIDED BY ASSET OWNING ORGANISATIONS WHOSE PLANT OR ASSETS COULD BE AFFECTED BY WORKS UNDERTAKEN ON THE SITE DETAILED HEREIN.
- DO NOT SCALE FROM THIS DRAWING
- THE INFORMATION PROVIDED ON THIS MAPPING PLAN IS BASED ON HISTORIC RECORDS PROVIDED BY THE STATUTORY UNDERTAKERS. THE ACTUAL POSITION AND STATUS OF ANY MAINS AND SERVICES MUST BE VERIFIED ON SITE. THIS PLAN IS FOR INFORMATION PURPOSES ONLY.
- THE INFORMATION ON THIS PLAN IS GIVEN WITHOUT OBLIGATION OR WARRANTY. NO LIABILITY OF ANY KIND WHATSOEVER IS ACCEPTED BY CENTARA LTD, OUR AGENTS OR PARTNERS FOR ANY ERRORS OR OMISSIONS.
- SERVICES TO BUILDINGS ARE NOT ALWAYS SHOWN BUT IT MUST BE ASSUMED THAT ANY EXISTING BUILDING IS SERVED WITH "LIVE" SUPPLIES UNTIL PROVEN OTHERWISE. YOU MUST OBTAIN WRITTEN CONFIRMATION FROM THE RELEVANT UTILITY THAT A SUPPLY IS "DEAD".
- CABLES TO STREET LIGHTING, ROAD SIGNS AND ILLUMINATED BOLLARDS ARE NOT ALWAYS SHOWN BUT MUST BE ASSUMED TO EXIST.
- THE LOCATION OF ANY MAINS AND SERVICES MUST BE LOCATED USING EML OR GPR SURVEYS FOLLOWED, IF REQUIRED BY HAND DUG TRIAL HOLES. BEFORE USING ANY MECHANICAL PLANT YOU MUST OBTAIN APPROVAL FROM THE APPROPRIATE UTILITY.
- UNDERGROUND SERVICES MUST BE LOCATED IN ACCORDANCE WITH HSE GUIDANCE NOTE HS (G) 47 AND BSI'S PAS 128 2014.

REV	REVISION DETAILS	DATE



Centara
Bureau Services

1-2 Woodside Court, Normanton Business Park
Normanton, West Yorkshire, WF6 1SB

www.centara-td.com Tel: 01924 220726

PROJECT		
CUC 874 Bedford Road, Hitchen		
CLIENT		
CERTUS UTILITY CONSULTING		
DRAWING TITLE		
FUSION PLAN		
DRAWN BY: J.Reape	CHECKED BY: C.Cockerham	REQUESTED BY: H.Rose
DATE: 21/03/2022	SCALE: 1:1000 @ A0	
DRAWING NUMBER: CEN23474	REVISION: A	
SHEET 01 of 01		

Appendix A - STANDARD RISK ASSESSMENT

Activity	Hazard	Persons at Risk	Uncontrolled Risk			Control Measures	Residual Risk		
			P	S	R		P	S	R
Driving	Road traffic accident, injury to personnel.	Driver, passengers, other road users.	2	4	8	Conduct daily vehicle checks. Follow the highway code and near all drivers have full manual licences and undergo driving training at start of employment. Reduce speeds in adverse weather conditions. Close all doors before moving vehicle. Do not drive tired or unwell. Swap driver if you feel tired or unwell. Drivers cannot answer phones – even hands free. When destination is reached park vehicle off main road, preferably along access track or inside field gate. If not possible then wear high visibility jackets when attending vehicle. Do not park vans near slopes / ditches because of risk of falls into and out of van.	1	4	4
Freeing stuck or broken down vehicles.	Muscular / skeletal injuries from pushing vehicles	Driver, passengers, other road users.	1	3	3	Close all doors and secure vehicle payload before attempting to move vehicle. Never pull vehicle towards you. Check for other live traffic, wear high visibility jacket. Call RAC.	1	3	3
Setting out survey grids	Tripping caused by tapes /ropes /cables	Site staff	4	1	4	Do not leave trailing cables in walk routes. Keep site tidy and clear trip hazards when no longer in use. Wear safety boots where appropriate and do not run.	3	1	3
Setting out survey grids	Cutting hand when inserting canes	Site staff	1	2	2	Wear gloves.	1	2	2
Lifting heavy equipment.	Muscular / skeletal injuries due to incorrect lifting	Site staff	2	4	8	Manual Handling Training. Use correct lifting practise. Arrange site layout to establish unloading area close to the work. Good lighting, firm footing and are required to minimize risk of injury. Seek assistance from other operatives using safe manual handling training (If in doubt over safe lifting and mechanical aids not possible abort operation and report to Contracts Manager). <i>Manual Handling Operations Regulations 1992,</i> <i>The Personal Protective Equipment at Work Regulations 1992</i> <i>The Personal Protective Equipment at Work (Amendment) Regulations 2022.</i>	1	4	4
Working on site	Inhalation of paint fumes	Site staff, other workers, public.	2	4	8	Use chalk or crayon as alternative. If not possible, hold spray paint can facing downwind and away from people. Do not use inside or in areas without adequate ventilation. Carry COSHH data sheet in vehicle.	1	4	4
Working on site	Contaminated Land. Inhalation or ingestion of harmful substances. Poisoning, allergies, skin complaints from fertilizers, insecticides	Site staff	2	4	8	Liaise with farmer/landowner and refer to pre site questionnaire which is sent to clients in advance of the survey. Do not work in or adjacent to fields where fertilizers or insecticides are in use or have recently been used. If staff encounter a site contaminated with fertilizers/insecticides/other sprayed substances they should cease work, leave site immediately, and contact their manager and client.	1	4	4

	and other sprayed substances.								
Working on site	Aggressive members of public / land owners/ farm workers.	Site staff	3	4	12	Ensure access is agreed with land owners in advance. Leave site if requested by land owner Be polite at all times. Avoidance of eye contact with potentially angry/annoyed members of public. Use non-threatening means of communication. Do not reply to (negative) comments. Walk away if interactions start to escalate, call your manager/ the Police as necessary.	2	4	8
Working on site	Injury from climbing fences/gates	Site staff	2	4	8	Use designated stiles. Climb with caution and ensure the structures are weight bearing.	1	4	4
Working on site	Livestock / animals / pets	Site staff	4	1	4	Livestock should be moved or secured away from sit team. If they are unable to be moved do not approach or antagonise animals. If livestock behave in a threatening manor leave site and inform client. Avoid eye contact with animals and back away slowly if approached.	4	1	4
Working on site	Leptospirosis	Site staff	1	4	4	Area staff trained on the signs/symptoms of leptospirosis Ensure all broken skin is covered with waterproof dressings each day. Water proof dressings are provided in all company vehicles. Provide anti-bacterial hand wash in all company vehicles. Avoid touch areas of standing water. Wash hands before eating and drinking. Refer to 40. Appendix 5.0 –in SUMO Group H&S policy to spot the symptom and treatment of Leptospirosis	1	4	4
Working on site	Ticks	Site staff	1	4	4	All staff must wear long trousers. Staff should perform tick checks and seek medical advice/attention to get tick removed. Refer to SUMO Lyme Disease Protection Policy (SHE13)	1	4	4
Working on site	Foot injury from sharps in ground	Site staff	2	4	8	Wear correct PPE of non-magnetic boots (EN 345 or EN ISO 20345). The way to avoid needlestick injuries is adopt the simple rule of "DO NOT TOUCH" Procedure on finding needles Mark the area to avoid any other persons coming into contact with the needles and inform the Site Health and Safety Representative or Site Manager. If you are working alone inform the appropriate Departmental Manager immediately. Do not proceed with the survey in the area where needlesticks are present until they have been cleared.	1	4	4
Working on site	Vehicle exhaust inhalation	Site staff	2	4	8	Do not load/unload vehicle with engine on.	1	4	4
Working on site	Infection through existing cuts and grazes	Site staff	2	2	4	Wash & dry hands before commencing work, cover all cuts & grazes with waterproof dressings Wear protective gloves, wear safety glasses/goggles when working in areas containing organic sharps (brambles etc.) Do not pick up any non-organic sharps found and report them to other personnel and the site contact immediately Always wash hands before eating/drinking Do not rub or touch eyes, mouth or nose before washing hands	1	2	2
Working Outdoors Sunny weather	Exposure to Ultraviolet Radiation	Site staff	3	2	6	Staff Awareness Training as part of induction (toolbox talks) Suitable clothing, hats & tinted safety specs supplied. Lip Balm & Sunscreen minimum factor 15SPF funded. Water supplied. Staff to take regular shade breaks if necessary	1	2	2

Working Outdoors (Winter)	Slips, trips and falls due to snow/ice, high Winds, restricted visibility, failing light / darkness	Site staff	2	2	4	Ensure you wear appropriate clothing and Company Issue PPE for the site conditions. If weather conditions are poor before commencing work, speak with your line manager and if conditions deteriorate whilst on site to a point where it will affect the equipment/results or make working uncomfortable/unsafe, stop work and find safe shelter and speak to your line manager.	2	1	2
Working in highway/public right of way/ public areas/ footpaths	Physical Assault	Site staff	3	4	12	There is a public footpath running through the site, east-west. Avoidance of eye contact with potentially angry/annoyed road users waiting for periods of time. Use non-threatening means of communication with members of public Not replying to road users (negative) comments Be aware of members of the public and dogs using footpaths / PROW, stop surveying as they walk close by or approach. No equipment will obstruct public rights of way. Where a grid node is needed, it will be marked with a cone to be clearly visible. A PROW is present to the east of the site but does not cross the site itself (see Figure 4 in SUMO-25079 Project Design).	2	4	8
Working on site above pipeline/ services	No effect	Site staff	1	2	2	Survey will not affect the services/pipeline running through the site as it does not involve any penetrative work.	1	2	2
Working near electric fences	Electric shock	Site staff	3	2	3	Electric fences may be present on site and should be turned off, however do not touch and touch with equipment in case of shock/damage to equipment.	1	2	2
Working near high voltage cables and overhead cables.	Electrocution from High Voltage Cables	Site staff	2	4	8	High voltage overhead cables run east to west through the center of the site that will not affect the site work. See CEN23474 Fusion Plan attached to project design. Wear required personal protective equipment in line with Company procedures. In the event of a service strike the team will immediately stop work and report the incident to the relevant emergency services, and SUMO head office. If it is safe to do so they will administer first-aid and render assistance to any emergency teams on site.	1	4	4

DYNAMICRISKASSESSMENT

What are the hazards?	Who might be harmed?	What are you already doing to mitigate?	What further action is needed?	Who should take action?	When should it be completed?	Completed?

Completed by:		Signature:		Date:		
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HAZARD ANALYSIS AND RISK ASSESSMENT FORM MATRIX

Probability of Occurrence: (Vertical Axis)

- 1 = Very unlikely**
- 2 = Unlikely**
- 3 = Possible**
- 4 = Foreseeable**

Severity of Hazard: (Horizontal Axis)

- 1 = Minimal** - Superficial injuries or illness/localised effects
- 2 = Minor** - More serious effects/fairly limited extent
- 3 = Significant** - Major injuries or ill health/possibility of several casualties
- 4 = Severe/Fatal** - Widespread with far reaching effects

4 x 1 = Medium	4 x 2 = High	4 x 3 = Very High	4 x 4 = CRITICAL
3 x 1 = Low	3 x 2 = Medium	3 x 3 = High	3 x 4 = Very High
2 x 1 = Very Low	2 x 2 = Low	2 x 3 = Medium	2 x 4 = High
1 x 1 = Trivial	1 x 2 = Very Low	1 x 3 = Low	1 x 4 = Medium

Risk Rating

Probability (**P**) x Severity (**S**) = Risk (**R**)

On completion of the Assessment further action may need to be taken if the Residual Risk is still unacceptable: (i.e. if Residual Risk is 8 or above – (High))

Cley 11eldshdustr1al Estate,
Tlckhill Road, ooneastet,
Sou1hYorkshire,DN48QG.
Tel:Doncaster (01302) 310113



1. INFORMATION ON PROJECT PURPOSES

PlOUC'f NAfwl F.:	1c:mporary Line. _1lukr Spray
PltOOUCT TVrF::	Ah.aod-heldpn°pccs.suri:1edacru:wJ.
t4t:1 YIEU USE:	Short term Yashable line or spot 1n1rkin&

HAZARDOUS

INGREDIEN(S)	CASNO	IXDEX	CLASS/ RISK	RANGt
Methoxy-2-methylpropanol	107-98-2	101-SJ9-I	R10	21.40%
Ethanol	64-17-5	200-51U	R11	10.10%

1-98-6 200-il19 F.R12 10-0%

Other non-biobased components (meMlc, water, col1, JT, ind, bu):

3. JAZARD IDENTIFICATION / SAFETY PRECAUTIONS

THISSANA&ROSOLPROOUCT-USEONVINVELI V&HTILATEDARRAS.

Tht: coolmlt are fLafwlMABLE and maybe HARAIFU,by dtlibct11c prolongedd inhalation or inaeS&ion.

Il'd.toc11rbonpcipollantit •r|.a&r.ih)'t'i:.intifch•itInt11Hh11cnt .-tllnlloo. 11fiowould 4)'C)n:>lil\1C:ti ofth p:'od\l'et.

ALWAYS WASH HANDS AFTER USE. Repeatd ur 11ny Cllusc skin dryvltts «trll (dng.

KEEPIN A SAFE PLACE AWAY FROM CHILDREN.

Fl. Atft All. F. • prm. urised cootn iner. PrOled Jton•sunIghlanddono1cpoeto1en1eraturesexoeoding SOdegrees C.

Oon04!lpl'ay on10a nitk1-dnanu: any inaindcsttni m1ucrlaJ, hoc fiUrtae or unprotected electrical

t'(julpment.

THE SPRAY MISFIRE can cause a blowback and discharge.

00NOT SPRAY NP.AR EYES.Irritating to t:)ll?\$.

ALWAYS READ CONTAINER WARN!NOS.

4. FIRST AID MEASURES

INITIALATION: Asphyx:R:tiobutybutane.willpttCCdc:nyb«kokigiealeffcdso(theactiveedemmts. Remowtbt
swinu to hsb air and ln'til S)mf&omlCicAJ.tv.

SKIH CQ''ffACT: WII''lbse»pandwakt.Mlk 1n-blicn «II')OOC:ur.Rq»eated eontaa may comeskin '*Incass
aod cracking.

IYIt GONAC.. : N;YNG- USEAt:KO:SOL'SN t;A.K KVESI:t1UCOUSME!tRRANES. F?usb withoopious
 quenrries o.f"ater Seek Incdic:lladvice:. Produce Isdtidfyedasy;acingtoeyes..

INGESTION:

t.Mlikcly. May causenausea anddite<11nfort. Carry out agauricla'agc ro reducedi&<:<1rn,fort, 11e contents wou ld tend robe 11.bwrbcd by the body \\llh no significant encts, partiwlarty in these oonoel1halioo\$. Treat J'f1J1J.1oo11if:illy. Seek medical advice and show Lhc container.

- FIGHTING MEASURES

Pressurised cylinders should not be exposed to temperatures above 150°C. Above this, cylinders may explode and the resultant nitrogen blank mixture will burn to produce CO₂.

U\$C.ttrto000lundnmgdscockoofy.Avoid e<wuamin1lonofthewtcrourse:Jv.tlereduna.gedS'loekisleaking.

EXI'INOUSJ IINO MEDIA: COL.OCr.dry l'O"-dc;••η<l" e>nh.

For h1 race tire use iOllm, Viller 10g er spray, avoiding coat:uninatio.

HEAL, ...ANOSAFETYDATA, ...T..C.TliJ.CP INRMARJC-1203
Pgc I o(4

ftctN'S:Jll...

VAT Reg. No. 381 3533 68

Blue Diamond



Clayfields Industrial Estate,
Tickhill Road, Doncaster,
South Yorkshire, DN4 5QG.
Tel: Doncaster (01302) 310113



POSITIVE PRESSURE BREATHING APPARATUS SHOULD BE USED.

6. ACCIDENTAL RELEASE MEASURES.

Initial spillage is unlikely in large quantities with an aerosol product. Keep damaged containers in place & in place of fire and in well ventilated areas. Evaporates rapidly. In concentrations within 1-1000 cans the compound would present an environmental hazard as it would quickly evaporate, leaving only the residue. In small quantities any liquid should be absorbed in to a suitable material, such as sand and disposed of safely, the residue should be washed with soapy water.

7. HANDLING AND STORAGE.

Handling: Handle carefully. In general handling procedures should not be considered as hazardous. Store in a well sealed container away from sources of heat, including direct sunlight in dry conditions. Avoid extremes of temperature and moisture. A stable, cool, dry ambient environment is most suitable. Avoid contact with other products. The containers will not last indefinitely even when stored in a cool/dry place, they should be inspected periodically during long-term storage. Note on container wall.

8. EXPOSURE, CONTROLS/ PERSONAL PROTECTION

Suppliers must provide information on the hazards of the product. As with all aerosols, the products should only be used in well ventilated areas, but responsible use is not possible in a confined space. Respiratory protection: If ventilation is not possible, then suitable respiratory protection is essential if there is a risk of solvent vapour or other harmful substances. Use organic vapour filters. Vapours may cause drowsiness or dizziness. Hand Protection: Repeated exposure may cause skin cracking or dryness, gloves may be required. Eye Protection: AVOID SPRAYING NEAR EYES. Irritating to eyes. If there is a risk of contact, wear safety glasses or face shield. Skin Protection: Repeated exposure may cause skin cracking or dryness, covering of exposed skin may be required. In general the product is a non-toxic and safe for use. (Miles & Miles) conditions of use should be followed. The product is not intended for use in confined spaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

As a product, it is an aerosol, it is an aerosol container with no potential for explosion. It is a product of the chemical industry. It is a product of the chemical industry. It is a product of the chemical industry.

Appearance:	Colourless liquid
Odour:	Ammonia
Boiling Point:	Not applicable,
Freezing Point:	>100°C
Flash Point:	100°C
Flammability:	>30°C
Auto-ignition:	Highly flammable liquid.
Explosive properties:	Not known
Oxidising properties:	None
Vapour pressure:	None
Relative density:	unknown
Solubility:	0.84 kg/m ³
	soluble in water



10. STABILITY AND REACTIVITY

The compound is chemically stable under normal conditions for a reasonable period of time (at least 24-36 months).
AVOID contact with water, including direct sunlight and contact with fire. Avoid contact with moisture, which may lead to corrosion and pH, where acidity may damage container integrity. Avoid sudden impacts, which may damage container integrity.
Avoid contact with water, acids, high temperatures.
Container corrosion may occur with time and contact; good containers should be considered to be of good quality.
Flammable, liquid contents should be considered generally not reactive.

11. TOXICOLOGICAL INFORMATION

THIS IS A SIGNIFICANT FOR EXTENDED USE; ONJ, Y.

Essentially, if the compound is not a potential toxic effect, it is as follows:

Used correctly in a 0.01% form, a compound can be considered to have a low order of toxicity (LOSO oral rat 500mg/kg, skin 3000mg/kg). Odour is not a major cause of severe pulmonary and breathing difficulties, distress, frothing (nausea) and headaches (but this is unlikely in normal use), and would constitute abuse.
Skin and eye irritation may result from contact with vapours if used in areas of poor ventilation, or when working in close proximity to the spray for prolonged periods, and suitable steps should be taken to avoid such conditions.
BUT: NE/ PROPANE - the Occupational Exposure Standard is 600ppm (140mg/m)
ETHANOL - Oral rat LO50 7060mg/kg
I METOXYPROPANO

May cause irritation, redness and pain to the skin. Vapours are irritating to the respiratory tract, disagreeable to the olfactory sense because of odour. Eye, nasal and throat irritation will occur before CNS effects, which occur at 8100ppm. Headache, dizziness & incoordination may occur. If ingested, may cause irritation to the gastrointestinal tract, symptoms include nausea, vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

This relates to the compound only, not disposal.

The product will evaporate quickly to the air. It is less liquid, easily absorbed, will evaporate leaving minimal residue. The residue will present no other significant hazard. It is non-dangerous and produces no significant degradation.

Mobility is low.

Degradation is slow though ultimately almost complete.

Accumulation is unlikely once physical breakdown commences.

Shore and long term effects should be considered significant. Very slight damage to aquatic and soil organisms may occur in large spillage (1000+ containers) though this should dissipate quickly (especially if absorbent material is used). No effects on plants or animals are indicated. There is no ozone depletion, no significant global warming potential. Water treatment plants... (1.1) (be affected) by small to medium volumes of this material.

13. DISPOSAL CONSIDERATIONS

The container should be totally discharged and disposed of as hazardous waste. SEE CONTAINER LABEL FOR WARNINGS. Do not puncture or incinerate (but even after use). Dried material is non-hazardous.

14. TRANSPORT INFORMATION

UNNUMBER: UN 1950 IMDG page 9Q22nI20
HAZARD CLASS: 9 Miscellaneous Dangerous Goods. 2.1 For Sea transport.
UK TRANSPORT DESCRIPTION: FLAMMABLE AEROSOLS (category 1, than 1 kg)
UK TRANSPORT CLASSIFICATION: MJ: SCLEANEUSOODS

Clayfield Industrial Estate,
Tickhill Road, Doncaster,
South Yorkshire, DN4 8QG.
Tel: Doncaster (01302) 310113



15.REGULATORY INFORMATION

11cCHIP ftcgUation s.n.ppfy in the UK.

SYNtBOLS: F+, Procct from sunlight and don't expose to ten lperatu s.e. C<ding 50degrees C. Do not pierce or burn. evm after uSt>. 0(0n<i1 sprm)000a t'lakcd tJmc or aoy incandescent matcral. (aerosol safety phrases).

RISK/SAFETY PHRASES:

Xi	highly irritant
----	-----------------

C	CQ(J16ive
---	-----------

N Dangerous for the environment

R10	Flammable
-----	-----------

RII Hig.hty flammac

R12 Extremely flammable

S (2) J<cepoutofn::achofchildren.

S7 Kciep oontainer tighlly closed.

516 Keep 3\3Y from SOUJCS of ignition -no smoking.

\$24 A" < > id C011iltt with :ik in.

16 OTHER INFORMATION

This is a nacrC)SOIploduc1and sJould be u\$Cd carcfull).

It represents no greater danger than anything that people would find in a regulated industry guideline.

The information included is all that is available for the component products at this time.

The information contained herein is based upon the current state of our knowledge.

SINCE THE STORAGE, APPLICATION AND DISPOSAL OF H&SB PRODUCTS IS NOT WITHIN THE CONTROL OF THE COMPANY, IT IS THE USER'S OBLIGATION TO OBEY THE CONDITIONS OF SAFETY IN TERMS OF ALL ASPECTS RELATING TO THE PRODUCTS. THE COMPANY ACCEPTS NO LIABILITY FOR ANO MAKES NO CLAIMS REGARDING THE USES, QUALITY COMPONENTS OF THIS PRODUCT WHICH MAY VARY FROM COUNTRY TO COUNTRY.

ALW, <VS OBS&RVJ: ALL CONTAINER AND OATA SHEET WARNINGS
ALWAYS READ THE LABEL BEFORE USE

FtbrU:ilr)' 20,2(104

HEALTHANOSAI'Erv DATA SHEET-CJ-TEMP-I.INEMARK-1:W3
Page 1 of 4

COSHH ASSESSMENT

R•f, SUMD/COSHH/AOOJjVerS

Date: Ot/0 /2024

1.Worsfold

Process & materials Marking, outwith ac10S(II Spl(lv paint

Trade names Uncmarker

Risk to Health

HAZARD
HIGHLY FLAMMABLE
IRRITANT

RISK

Hazardous contents

J,2,4 Trimethylben cnc, -r-1Cthoxy Pfpq;in. o2 tv1ctho.-v- Mcllylethyl
Acetate,Acetone, 8u;ane, Butyl Acetate,Dimethyl Ether,IsoSutane,ethyl
Metharrvlate. Proo-ane,Sol'ventNaohtha(Petroletim1,Liirht Aromatic

Route of exposure

Sk n EI Eyes EI hhaline EJ SwalloWine EJ CusClc.. [?

rviaxlm\1m F.xposure Umlt/Oc.cuoatlonal(leoosure Standard

Bce mncials;fetydt<'Jsheet

USC\$

Marker""""ntused externally

Handling Precautions

v.orks methods

Sprayed from aerosol can ster onto surface to be marked

Conttols

Keep rlstct vptlshonlly spry :lv fto 1npetsons, nd f thcto a,w rd stand
UJVnd.
use of spw should be prohib ted if 3SO HOC or 1gn t1on is clo by,; 'l.nd undet
notro.:mstanecs shou d Srll(1king be ribwed when vsing the spr-iy.
Cateshould be tikcn not to opcroethe can is cr; ind empty<:ans disposed of
e.-ircfully.

P-rdective Equipment

EQUpment	ENType
Goggles	EN 1668349
Glove.s	EN 388

VJhere risk of eye contact

Risk Estimate

Risk to healthadequately controlledt the above handling precautions arehforce

Risk to healthrequires above precautions and further aaion as detaled after

COSSH anion required

Safety act ons

Hardling precautions in place

EI

i'Yla ntenance OI controls

D

Monitoline of exposure

D

COSHH ASSESSMENT

Ref: SUMO/COSHH/AOOI/VerS

Date:003/2CYZ4

Process&m;terias Ifllarkingout \\\with aerosolspray pa nt

Information to staff

0

ICOSHH A\$essment

Written nstructions used

D

I

Training

0

Dmduction

Health surveillance

0

Field Managers to carry out site audits

Other controls

D

I

Further Information

First aid arrangements

Eyes

Remove contact lens (if applicable), wash thoroughly with copious amounts of water for at least 15 minutes. Seek medical attention if discomfort continues.

Skin

Wash with soap or mild detergent and water. Seek medical attention if discomfort continues.

Inhalation

Move to fresh air at once. Seek immediate medical assistance.

Ingestion

DO NOT INDUCE VOMITING. Rinse mouth thoroughly with water. Seek medical attention if discomfort continues.

Fire Precautions

Keep away from sources of ignition. May explode in fire. Extinguish with Powder, Water Spray, Fog or Mist.

Storage

Store away from heat source, protect from direct sunlight in a well ventilated location.

Transport

Transport upright in position within storage boxes. Do not

t

Extinguish all ignition sources/Ventilate area before use.

Spillage

Return to manufacturer for disposal.

Waste Disposal

Blue Diamond Clayfields Industrial Estate, Tickhill Road, 8alby, Doncaster, ON48QG

Further information contact

Tel: 01302 30 113
Fax: 01302 30 4

FOR FULL DETAILS OF THIS PRODUCT REFER TO THE MANUFACTURE'S MATERIAL SAFETY DATA SHEET

The safety data sheet can be found at: <https://www.wm.co.uk/temporary-line-marker-spray>

COSHH ASSESSMENT

Ref: SUMO/COSHH/A002/Ver 5

Date: 01/01/202



Process & materials

Igiolo HO!ord

•SiwtLJS

Trade names

RiskCOHealth

HAZARD

HARMFUL

011

Hazardoc.Gcontents

Organic and non organic sharps

Routeo1exposu--e

Skin

☒

Eyes

☒

Inhaling

☐

Swallowing

☐

Cuts etc.

☒

Maximum Exposure Limit/Occupational Exposure Standard

n/a

Uses

n/a

Hara:lingPrttamons

Works methOds

Where sharp*are* kaly,IAEar iiiiropriate persoM I prctedive equipment
Oo*otl<:IUd1 /pG.up eros

Controls

Before start ill: work all cuts and illow with MJterproof drcs Sn
W'kl wi1h SOO!!l or ntl detergent and watubefore eat dhl:rc
!))not rub or coue heyes or moum be: fClwe stint Noes
RemOve any dotins that may haw been contaminated

Protecthe Equipment

Equipment

EIJ l>pe

EN383

Risk Estimate

Rto rieanaoequately dMrOled irme abO'e naM11neprecaunons are 1nte«e

Rskto hoclth rcQlircs cbcM: 11rccaunons cod futth«e ction iu d:taicd ofter

COSHH actionre<1ui 1«1

Safety actions

Hand ngprccoutic:lnshixoc

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lwccorglovesatall time;

P&intcnin::eofcon:rob

☒

Site audits checking for compliance

MonitoringoiOJ'OSIre

☐

COSHH ASSESSMENT

Ref: SUW/COSHH/A002/VNS Date: 01/03/2024

Process & materials	Biological Hazard Status	
Information to staff	0	COSHH Assessment
Written instructions used	D	
Training	0	Induction
Health surveillance	0	Field Manager to carry out site audits
Other controls	D	

Further Information

First Aid arrangements	Eyes	Remove contact lens (if applicable), Wash with copious amounts of water for at least 15 minutes. Seek medical attention
	Skin	Wash with soap or mild detergent and water Cover all cuts and grazes with waterproof dressings All Wounds received as a result of biological sharps (needles etc.) seek immediate medical attention
	Inhalation	n/a
	Ingestion	n/a
Fire Precautions	n/a	
Storage	Any sharps picked up to be kept in a secure lidded container for disposal off site	
Transport	To be kept in a secure lidded container	
Spillage	n/a	
Waste Disposal	To be taken off site for disposal	
Further Information/Contact		

COSHH ASSESSMENT

flcf: SUri.D00s.tWAOOI/Ver5

Date: Ol}CL3/2024

Process & materials

AnyWhere rocents are present -Rat IJIW

Traoe itunes

kKktoHealr:h

tIAZaD

RISK

HARMFUL

LO'tt'

Hazardous contents

Micro-organisms - Leptospirosis (Weils Disease)

Aoutcof cKposun:

D

Eyes



Inhaling



Swallowing



Cuts etc.



Mc>iinrnbpocur Limit/Occvpatio IExposureSUNdrd



n/a

Handling Precautions

WofkSme'!J'iQiM:

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\\YQM" lowflcrc risk of)plcctinr
Oonotdist.rbstandingwatEf

CONtrOIS

&:f<rt sraniwort coitr al ai1scin<lerilt'S wleh watEfl)rOOOf Clfessines
Wash soop or mild dc:tcrgent .:indWM"crb:forc Cilting,drink
Donol\\i>ortoueh e'l,es,mouthornose De:brewasht'laf'Kls
Removeanvdthing that may ha" been contaminated
Cleanontool ncontaillltu ed
OperativesW'Ofking Nareaswhere rots maiybc present muttseek medical
attet1tit>nif theyhawflulike ptoms "th persistant/severe headaches
Infomrationot <http://www.hsr:OO'tl.ut./pub'll/iodv84df>

Protective Equipment

EQUic:l'nent
Gc@lles
GICYeS

rnrvue
EH 166 849
EN.I&

Wherenskdfspash ng

Risk Estimotc

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Risktohcolihrequies bovcpret utions<1ndfurtheroction;:sdttaid ft«

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COS.SH octioo icQUircd

Safetv actions

Handlin?a-cc lu1ionsin piece



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Meintettanceof contrOIS



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M()fl.tlont1g or ocpo::urc



COSHH ASSESSMENT

Ref: SUMO/COSHH/A003/Ver 5

Date: 01/03/2024

011

Process & controls	Anywhere rodents are present At Urine	
Information to staff	0	OSHH Assessment
Written instructions used	D	
Training	0	Toolbox talks
Health surveillance	0	Field Manager to Conduct site audits
Other controls	D	
Further information		
First Aid arrangements	Eyes	Remove contact lenses (if applicable), Wash with copious amounts of water for at least 15 minutes
	Skin	cover cuts and grazes With Waterproof dressings wash with soap or mild detergent and water
	Inhalation	not applicable
	Ingestion	Wash mouth with soap or mild detergent and water before eating, drinking
Fire Precautions	n/a	
Storage	n/a	
Transport	n/a	
Spillage	n/a	
Waste Disposal	n/a	
Further information contact		

COSHH ASSESSMENT

Ref: \$UV1/CO\$HM/A004/ve<S

Date:01031JJ21

I.Vorsfold

Process & materials

Dilut np, and appy nP uacinp, dye todr.1 n

Monument Fluorlsce n DrainTracin2 Ove

Risk to Health

HAZARD	RISK
TOXIC	
HARMFUL	
IRRITANT	n

H3:3rd01.1soontents

Non Toxic, biodegradable

Route of exposure

SkinEyesInhalationSwallowingOutsetc.

Maximum Exposure Limit/ Occupational Exposure Standard

nla

Unit: CS

Totr3ce runof dmin

Handling Precautions

Work methods

Tracing dye pov. derds. sol/edIn a suitable container and then pouted into drain

Controls

Keep on talner ttenly dosed. Store in cool, well ventlated area

Protective Equipment

Eauipment	ENTC
Goggles	EN 168349
Gloves	EN388

Risk Estimate

Rsk to health adequately controlled if the above handling precautions are in force

Rsk to health requires above precautions and further action as detailed after

COSHH Action required

S. Ufetyuction\$

Handling precautions in place>0

1. Maintenance of controls0

Monitoring of exposure0

COSHH Assessment

COSHH ASSESSMENT

Ref: SUR>JIO/COSHH/A004/Ver5 Date:01/03/2024

Process & materials	IOilutinPanda""IvinPtracini;dveto	drain
Information to staff	0	IBriofinP,
Written instructions used	0	IRisk Assessment
Training	D	I
Health surveillance	D	I
Other controls	D	I

Further Information

First Aid arrangements	Eyes	Remove contact lens (if applicable), wash with copious amounts of water for at least 15 minutes. Seek medical attention if discomfort continues.
	Skin	Wash with soap or mild detergent and water.
	Inhalation	Move to fresh air at once.
	Ingestion	Rinse mouth thoroughly with water. Seek medical attention.

Fire Precautions	Extinguish with water spray, foam dry powder, carbon dioxide.
------------------	---

Storage	Keep container tightly closed. Store in cool, well ventilated area.
---------	---

Transport	Secure containers.
-----------	--------------------

Waste	Wash area with cold water, use absorbent material such as sand.
-------	---

Spillage	Dilute on 1v in Diluted dilution ratio.
----------	---

Waste Disposal	Monument Tools Ltd, Restmore Way, Hactbridge, Wallington, Surrey, SM67AH Tel: 020881100 Fax: 0208288108
Further information contact	

FOR FULL DETAILS OF THIS PRODUCT REFER TO THE MANUFACTURE'S MATERIAL SAFETY DATA SHEET