

Cleaning Fluid

Issue 15.01.19

1. Identification of the Substance/Preparation and the Company Undertaking

1.1. Product Identifier

Product Name Terrain Cleaning Fluid

1.2. Relevant identified uses of the substance or mixture and uses advised against

Application Adhesive Cleaner/Thinner

1.3. Details of the supplier of the safety data sheet

Supplier Polypipe Building Services
 College Road
 New Hythe Business Park
 Aylesford
 Kent
 ME20 7PJ
 Tel: 01622 795200

1.4. Emergency telephone number

Tel. +44 1785 272650 (24 hrs)

2. Hazard Identification

2.1. Classification of the substance or mixture

Classification (EC) 1272/2008 (CLP)

Serious eye damage / eye irritation	Category 2 – (H319)
Specific target organ toxicity (single exposure)	Category 3 – (H336)
Unknown acute toxicity	0% of the mixture consists of ingredient(s) of unknown toxicity
Unknown aquatic toxicity	Contains 0% of components with unknown hazards to the aquatic environment

2.2. Label elements

Label According To Regulation (EC) No. 1272/2008 (CLP)

Contains Acetone



Signal Word Warning

Hazard Statements

H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
EUH066	Repeated exposure may cause skin dryness or cracking

Precautionary Statements

P102	Keep out of reach of children
P280	Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338	If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so, continue rinsing
P311	Call a poison centre or doctor / physician

2.3. Other hazards

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General Hazards

In use may form flammable / explosive vapour-air mixture

PBT and vPvB Assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

3. Composition/Information on Ingredients

3.1. Substances

Name	Reach Registration No	CAS-No.	EC No.	Weight
Acetone	01-2119471330-49-XXXX	67-64-1	200-662-2	NF
Classification (EC 1272/2008)				
Flam. Liq. 2 – H225 EUH066; Eye Irrit. 2 – H319 STOT SE 3 – H336				

Full text of H- and EUH-phrases: See section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 589)

3.2. Mixtures

Not applicable

4. First Aid Measures

4.1. Description of first aid measures

General Advice

If medical advice is needed, have product container or label at hand

Inhalation

Remove to fresh air

Ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

Skin Contact

Wash with plenty of soap and water. If skin irritation occurs: Get medical advice / attention

Eye Contact

Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes.
Remove contact lenses, if present and easy to do so. Continue rinsing. Call a doctor immediately

Self Protection Of First Aider

Use personal protection recommended in section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel 2. Most IMpor

4.2. Most important symptoms and effects, both acute and delayed

Symptoms

None known

4.3. Indication of any immediate medical attention and special treatment needed

Note To Doctors

Treat symptomatically

5. Fire Fighting Measures

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5.1. Extinguishing media**Suitable Extinguishing Media**

Use Co2, dry chemical or foam. Move containers from fire area if you can do so without risk

Unsuitable Extinguishing Media

Use water spray or fog; Do not use straight streams

5.2. Special hazards arising from the substance or mixture

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke)

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary

6. Accidental Release Measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas

For Emergency Procedures

Use personal protection recommended in section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel

6.2. Environmental Precautions

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. See section 12 for additional Ecological information

6.3. Methods and material for containment and cleaning up**Methods For Containment**

Dike far head of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (eg sand, earth, diatomaceous earth, vermiculite), and place in container for disposal according to local / national regulations (see section 13)

Methods For Cleaning Up

Pick up and transfer to properly labelled containers. Dam up. Soak up with inert absorbent material (eg sand, silica gel, acid binder, sawdust). Soak up with inert absorbent material

6.4. Reference to other sections

See section 12: ECOLOGICAL INFORMATION
Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

7. Handling and Storage**7.1. Precautions for safe handling****Advice On Safe Handling**

Keep away from heat/sparks/open flames/hot surfaces – No smoking. Take precautionary measures against static charges.
Use explosion proof electrical/ventilating/lighting/equipment

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep only in the original container / package in a cool well ventilated place.

7.3. Specific end use(s)**Other Information**

Recommendation(s). Observe technical sheet

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8. Exposure Control/Personal Protection
8.1. Control parameters

Name	Region	TWA – 8 hrs		STEL – 15 min	
Acetone – 67-64-1	United Kingdom	500 ppm	1210 mg/m ³	1500 ppm	3620 mg/m ³
	Ireland	500 ppm	1210 mg/m ³	1500 ppm	3630 mg/m ³
	European Union	500 ppm	1210 mg/m ³		

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

8.2. Exposure controls
Protective Equipment

Engineering Controls

Ensure adequate ventilation, especially in confined areas

Respiratory Equipment

In case of mist, spray or aerosol exposure wear suitable respiratory protection and protective suit. In case of inadequate ventilation wear respiratory protection

Recommended Filter Type

Organic gases and vapours filter conforming to EN 14387

Hand Protection

Wear protective gloves. The breakthrough time of gloves depends on the material and the thickness as well as the temperature

Eye / Face Protection

Tight sealing safety goggles. Face protection shield

Skin And Body Protection

Antistatic footwear. Wear fire / flame resistant / retardant clothing. Suitable protective clothing

Environmental Exposure Controls

Do not allow into any sewer, on the ground or into any body of water

9. Physical and Chemical Properties
9.1. Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Liquid
Colour	Clear
Flash Point (°C)	-19°C
Density	0.79

10. Stability and Reactivity
10.1. Reactivity

Stable under recommended storage conditions

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10.2. Chemical stability

Stable under normal conditions

Explosion DataSensitivity to mechanical impact: None
Sensitivity to static discharge: None**10.3. Possibility of hazardous reactions**

None under normal processing

10.4. Conditions to avoid

Keep away from heat, sparks and flames

10.5. Incompatible materials

Strong acids and bases

10.6. Hazardous decomposition products

None under normal use conditions

11. Toxicological Information

11.1. Information on toxicological effects**Product Information**

No information or data specific to the product on this toxicological (health) effect is available

Inhalation	No data available
Ingestion	No data available
Skin Contact	No data available
Eye Contact	No data available
Sensitisation	No data available

Skin Corrosion / Irritation

Not applicable

Serious Eye Damage / Irritation

Not applicable

Sensitisation

Not applicable

Germ Cell Mutagenicity

Not applicable

Carcinogenicity

Not applicable

Reproductive Toxicity

No information available

STOT – Single Exposure

No information available

STOT – Repeated Exposure

No information available

Target Organ Effects

Central nervous system, eyes, respiratory system, skin

Aspiration Hazard

No information available

Numerical Measures Of Toxicity**Acute Toxicity**

Unknown Acute Toxicity	0% of the mixture consists of ingredient(s) of unknown toxicity
	0% of the mixture consists of ingredient(s) of unknown dermal toxicity

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0% of the mixture consists of ingredient(s) of unknown oral toxicity
 0% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
 0% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour)
 0% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Toxicity Data Data obtained on the component(s) include

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone – 67-64-1	= 5800 mg/kg (rat)	>15800 mg/kg (rat)	= 79 mg/l (rat) 4h

12. Ecological Information**12.1. Toxicity**

Ecotoxicity No information available

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea	M-Factor
Acetone – 67-64-1	-	LC50 96h 4.74-6.33 mL/L (Oncorhynchus mykiss)	EC50 48 h 10294 – 17704 mg/L (Daphnia Magna Static)	

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

Partition Coefficient No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

12.6. Other adverse effects

No information available

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

13. Disposal Considerations**13.1. Waste treatment methods****Waste From Residues / Unused Products**

Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated Packaging

Improper disposal or reuse of this container may be dangerous or illegal

European Waste Catalogue

08 04 09* Waste adhesives and sealants containing organic solvents or other dangerous substances

Other Information

Waste codes should be assigned by the user based on the application for which the product was used

14. Transport Information**ADR**

14.1 UN/ID No

UN 1090

14.2 Proper Shipping Name

Acetone

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14.3 Hazard Class	3
Hazard Labels	3
14.4 Packing Group	II
Description	UN1090, Acetone, 3, II, (D/E)
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None
Classification Code	F1
Tunnel Restriction Code	(D/E)
Limited Quantity	1 L
ADR Hazard ID (Kemmler Number)	33

IMDG

14.1 UN/ID No	UN1090
14.2 Proper Shipping Name	Acetone
14.3 Hazard Class	3
14.4 Packing Group	II
Description	UN1090, Acetone, 3, II, (-19oc c.c)
14.5 Marine Pollutant	Np
14.6 Special Provisions	None
Limited Quantity (LQ)	1 L
EmS-No	F-E, S-D
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	No information available

RID

14.1 UN/ID No	UN 1090
14.2 Proper Shipping Name	Acetone
14.3 Hazard Class	3
Hazard Labels	3
14.4 Packing Group	II
Description	UN1090, Acetone, 3, II
14.5 Environmental Hazard	Not applicable
Classification Code	F1
14.6 Special Provisions	None
Limited Quantity (LQ)	1 L

ICAO (Air)

14.1 UN/ID No	UN 1090
14.2 Proper Shipping Name	Acetone
14.3 Hazard Class	3
14.4 Packing Group	II
Description	UN1090, Acetone, 3, II
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

IATA

14.1 UN/ID No	UN 1090
14.2 Proper Shipping Name	Acetone
14.3 Hazard Class	3
14.4 Packing Group	II
Description	UN1090, Acetone, 3, II
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None
Limited Quantity (LQ)	1 L
ERG Code	3H

15. Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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European Union

Take note of Directive 08/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation (1907/2006)

EU-REACH – Candidate List of Substances of Very High Concern (SVHC) for Authorisation in Accordance with Article 59

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) – Annex XVII – Substances Subject to Registration

This product does not contain substances subject to restriction (Regulation (EC) No 1907/2006 (REACH), Annex XVII)

EU-REACH (1907/2006) – Annex XIV – List of Substances Subject to Authorisation

This product does not contain substances subject to authorisation (Regulation (EC) No 1907/2006 (REACH), Annex XIV)

Ozone-Depleting Substances (ODS) Regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

15.2. Chemical safety assessment

None

16. Other Information

Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

Full Test of H-Statements Referred to Under Section 3

Hazard Statements in Full

H319	Causes serious eye irritation
H225	Highly flammable liquid and vapour
H336	May cause drowsiness and dizziness
EUH066	Repeated exposure may cause skin dryness or cracking

Legend

SVHC: Substances of very high concern for authorisation

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

TWA TWA (Time weighted average) STEL STEL (Short term exposure limit
Ceiling Maximum limit value * Skin Designation

PBT Persistent, Bioaccumulative and Toxic (PBT) Chemicals

STOT (RE): Specific target organ toxicity – Repeated exposure

STOT (SE): Specific target organ toxicity – Single exposure

EWC: European waste catalogue

Key Literature References and Sources of Data

Classification and labelling data calculated from data received from raw material suppliers

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in this text