

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

Product Name Terrain Cleaning Fluid

Application Cleaner

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

Emergency Telephone 01622 795200

2. Composition/Information on Ingredients

Substances presenting a health or environmental hazard

Name	EU No.	EINECS No.	CAS-No.	Content	Classification	Risk Phrase(s)
Acetone	606-001-00-8	200-662-2	67-64-1		Xi, F	R11, R36, R66, R67

For wording of the listed Risk Phrase(s) refer to section 15

3. Hazard Identification**Hazard Description**

Xi Irritant
F Highly Flammable

Information concerning to particular hazards to man and environment

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent
Has a narcotising effect
R11 Highly Flammable
R36 Irritating to eyes
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness

4. First Aid Measures**After Inhalation**

Supply fresh air; consult doctor in case of complaints

After Skin Contact

Generally the product does not irritate the skin

After Eye Contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor

After Swallowing

Do not induce vomiting; call for medical help immediately

5. Fire Fighting Measures**Suitable Extinguishing Agents**

Water Haze
 Alcohol resistant foam
 Fire extinguishing powder
 Carbon dioxide

Protective Equipment

Mount respiratory protective device

Additional Information

Cool endangered receptacles with water spray
 Collect contaminated fire fighting water separately. It must not enter the sewage system

6. Accidental Release Measures**Person related Safety Precautions**

Wear protective equipment. Keep unprotected people away

Measures for Environmental Protection

Prevent seepage into sewage system, workpits and cellars
 Dilute with plenty of water
 Do not allow to enter sewers / surface or ground water

Measures for Cleaning/Collecting

Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust)
 Dispose contaminated material as waste according to item 13
 Ensure adequate ventilation

7. Handling and Storage**Handling****Information for safe handling**

Ensure good interior ventilation, especially at floor level (fumes are heavier than air)

Information about fire and explosion protection

Keep ignition sources away – Do not smoke
 Protect against electrostatic charges

Storage

Store in a cool location
 Keep receptacle tightly sealed
 Store in cool, dry conditions in well sealed receptacles

8. Exposure Control/Personal Protection**Exposure Limits**

Name	CAS No.	WEL 8-hr limit	WEL 15 min limit
Acetone	67-64-1	500 ppm	1500 ppm

Additional Information

The lists valid during the making were used as basis

8. Exposure Control/Personal Protection (Continued)**Personal Protective Equipment****General protective and hygienic measures**

The usual precautionary measures are to be adhered to when handling chemicals

Keep away from foodstuffs, beverages and feed

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work

Avoid contact with the eyes and skin

Respiratory Protection

Not required

Protection of Hands

Solvent resistant gloves

The glove material has to be impermeable and resistant to the product; the substance; the preparation

Due to missing tests no recommendation to the glove material can be given for the product; the preparation; the chemical mixture

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of Gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer

Penetration Time of Glove Material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

For permanent contact of maximum of 15 minutes gloves made of the following material are suitable:

PVC or PE Gloves

Eye Protection

Tightly sealed goggles

Body Protection

Solvent resistant protective clothing

9. Physical and Chemical Properties**General Information**

Form	Fluid	
Colour	Colourless	
Odour	Characteristic	
Melting Point	94.7°C	
Boiling Range	55.8 to 56.6°C	
Ignition temperature	465°C	
Danger of Explosion	Product is not explosive. However, formation of explosive air/vapour mixtures are possible	
Explosion Limits		
Lower	2.6 Vol %	
Upper	13.0 Vol %	
Vapour pressure	233 hPa	at 20°C
Density	0.79 g/cm ³	at 20°C
Solubility in/ Miscibility with	Water: Fully miscible	
Viscosity		

Cleaning Fluid

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Dynamic 32 mPas at 25°C

10. Stability and Reactivity**Thermal Decomposition / Conditions to be Avoided**

No decomposition if used according to specification

Dangerous Reactions

No dangerous reactions known

Dangerous Decomposition Products

Danger of forming toxic pyrolysis products

11. Toxicological Information**Acute Toxicity****LC/LC50 Values Relevant for Classification**

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rbt)

Primary Irritant Effect**On the Skin**

No irritant effect

On the Eye

Irritating effect

Sensitisation

No sensitising effect known

12. Ecological Information**General Notes**

Water hazard class 1 (German Regulation) (Assessment by list): Slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

13. Disposal Considerations**Product Recommendation**

Must not be disposed together with household garbage.

Do not allow product to reach sewage system

Uncleaned Packaging Recommendation

Disposal must be made according to official regulations

Packaging that may not be cleansed are to be disposed of in the same manner as the product

Recommended Cleansing Agent

Water, if necessary together with cleansing agent

14. Transport Information**Land transport ADR/RID**

ADR/RID Class
Danger code (Kemler)
UN-Number
Packaging Group
Hazard Label

(Cross-border)

3 (F1) Flammable Liquids
33
1090
II
3

Cleaning Fluid

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Description of Goods 1090 ACETONE

14. Transport Information (Continued)**Maritime Transport IMDG**

IMDG Class	3
UN Number	1090
Label	3
Packaging Group	II
EMS Number	F-E, S-D
Proper Shipping Name	ACETONE

Air Transport ICAO-TI and IATA-DGR

ICAO/IATA Class	3
UN/ID Number	1090
Label	3
Packaging Group	II
Proper Shipping Name	ACETONE

15. Regulatory Information**Labelling According to EU Guidelines**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials

Code Letter and Hazard Designation of Product

Xi Irritant
F Highly Flammable

Risk Phrase(s)

R11 Highly Flammable
R36 Irritating to eyes
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness

Safety Phrase(s)

S2 Keep out of the reach of children
S9 Keep container in a well ventilated place
S16 Keep away from sources of ignition – No Smoking
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

National Regulations**Technical Instructions (air)**

Class Share in % NK 50-100

Water Hazard Class

Water hazard class 1 (assessment by list): slightly hazardous for water

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship