

SAFETY DATA SHEET

Polypipe Civils Cleaning Fluid

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Polypipe Civils Cleaning Fluid
 Container size Various

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

Identified uses Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier Polypipe Civils Ltd
 Charnwood Business Park
 North Road
 Loughborough
 Leicestershire
 LE11 1LE
 Tel: 01509615100
 Fax: 01509615215
 civilsenquiries@polypipe.com

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Liq. 2 - H225
Human health	Acute Tox. 4 - H302; Acute Tox. 4 - H312; Acute Tox. 4 - H332; STOT SE 2 - H371
Environment	Not classified.

Classification (1999/45/EEC) Xn; R20/21/22, R68/20/21/22. F; R11.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.

Environment

Not regarded as an environmental hazard under current legislation.

Physical and Chemical Hazards

Vapours of the product are heavier than air and may accumulate on the ground, in the sump of pits, drains or cellars with higher concentrations. Ground level ventilation is recommended.

2.2. Label elements

Contains ETHANOL
 METHANOL

Label In Accordance With (EC) No. 1272/2008



Signal Word Danger

Hazard Statements

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H371	May cause damage to organs.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Polypipe Civils Cleaning Fluid

P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P270	Do not eat, drink or smoke when using this product.
P501	Dispose of contents/container in accordance with national regulations.
Supplementary Precautionary Statements	
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P260	Do not breathe vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P370+378	In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P363	Wash contaminated clothing before reuse.
P403+235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

ETHANOL		60-100%
CAS-No.: 64-17-5	EC No.: 200-578-6	
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) F;R11	
METHANOL		1-5%
CAS-No.: 67-56-1	EC No.: 200-659-6	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	Classification (67/548/EEC) F;R11 T;R23/24/25,R39/23/24/25	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Immediately remove any clothing soiled by the product. Symptoms of poisoning may occur after several hours so medical observation required for 48 hours.

Inhalation

Move the exposed person to fresh air at once. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. Rinse mouth thoroughly. Get medical attention immediately!

Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

Polypipe Civils Cleaning Fluid

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for 30 minutes. Get medical attention immediately. Continue to rinse.

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

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. The severity of the symptoms described will vary dependant of the concentration and the length of exposure. NOTE! Effects may be delayed. Keep affected person under observation.

Inhalation.

Exposure may cause coughing or wheezing. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.

Ingestion

Risk of lung aspiration due to low viscosity of product. Burning sensation in mouth. May cause nausea, headache, dizziness and intoxication.

Skin contact

Prolonged skin contact may cause redness and irritation. This substance is rapidly absorbed through the skin and may cause symptoms similar to those of ingestion.

Eye contact

Prolonged contact may cause redness and/or tearing.

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

Denatured ethanol with >3.5% methanol.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog. Cool containers with water spray.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. 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.

Unusual Fire & Explosion Hazards

HIGHLY FLAMMABLE! Vapours are heavier than air and may spread near ground to sources of ignition.

5.3. Advice for firefighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Dilute with much water To prevent release, place container with damaged side up. Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Do not use in confined spaces without adequate ventilation and/or respirator. AVOID ALL CONTACT! Provide good ventilation. Avoid forming spray/aerosol mists.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Alkalis. Oxidising material.

Storage Class

Flammable liquid storage.

Polypipe Civils Cleaning Fluid

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ETHANOL	OES	1000 ppm	1920 mg/m ³			
METHANOL	OES	200 ppm(Sk)	266 mg/m ³ (Sk)	250 ppm(Sk)	333 mg/m ³ (Sk)	

8.2. Exposure controls

Protective equipment



Process conditions

Ensure suitable ventilation of area. Ensure lighting and electrical equipment are not a source of ignition.

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory equipment

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment. If exposure limits are likely to be exceeded, use a full face mask fitted with an organic filter for short term exposures. For long term or high level exposures, or when spraying, compressed airline breathing apparatus should be used.

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear tight-fitting goggles or face shield.

Other Protection

Provide eyewash station. Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. Wash hands after handling.

Personal protection

Wear protective work clothing.

Skin protection

Wear suitable gloves if prolonged or repeated skin contact is likely

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless. or Purple.
Odour	Alcohol like.
Solubility	Completely soluble in water
Initial boiling point and boiling range	78 Deg.C 760 mm Hg
Melting point (°C)	-114.5 Deg. C
Relative density	0.790-0.820 g/cm ³ 20
Vapour pressure	59 kPa 20Deg.C
Flash point	13 Deg.C
Flammability Limit - Lower(%)	3.5%
Flammability Limit - Upper(%)	15%

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

No known hazardous reactions if stored under normal conditions.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid contact with strong oxidisers. Reacts violently with strong oxidising substances.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong alkalis.

10.6. Hazardous decomposition products

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Acute Toxicity (Oral LD50)

5628 mg/kg Rat

For Methanol 67-56-1

Acute Toxicity (Dermal LD50)

15800 mg/kg Rabbit

For Methanol 67-56-1

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

Ingestion

May cause liver and/or renal damage. May cause stomach pain or vomiting. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Harmful: danger of serious damage to health by prolonged exposure if swallowed. Drowsiness, dizziness, disorientation, vertigo. May cause soreness and redness of mouth and throat.

Skin contact

Contains components which may penetrate the skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Eye contact

May cause severe irritation to eyes.

Health Warnings

Irritating to skin. Irritating to eyes. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause liver and/or renal damage. Narcotic effect. CNS depressant.

Route of entry

Inhalation. Skin absorption. Ingestion.

Target Organs

Central nervous system Kidneys Liver

Polypipe Civils Cleaning Fluid

Medical Symptoms

Headache. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect. Drowsiness. Dizziness.

Specific effects

Frequent inhalation of even small concentrations may cause irritability, fatigue, memory failure and in time permanent damage to the nervous system, including the brain, and possibly liver and kidneys, too. Defatting, drying and cracking of the skin.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

Not regarded as dangerous for the environment

12.2. Persistence and degradability

No data available.

Degradability

The degradability of the product has not been stated.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product is soluble in water. Volatile

12.5. Results of PBT and vPvB assessment

Not determined

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Dispose of waste and residues in accordance with local authority requirements.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 1170

14.2. UN proper shipping name

Proper Shipping Name ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es)

ADR/RID/ADN Class Class 3: Flammable liquids.

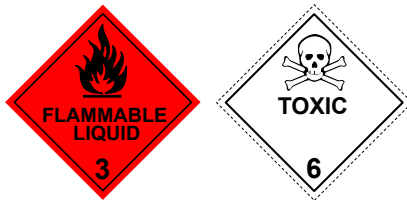
ADR Label No. 3

IMDG Class 3

ICAO Class/Division 3

Transport Labels

Polypipe Civils Cleaning Fluid



14.4. Packing group

II	
ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

EMS F-E, S-D

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By	Technical Service Manager
Revision Date	12 September 2015
Revision	2
SDS No.	11301
Date	12 September 2012
Risk Phrases In Full	
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
R11	Highly flammable
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

Polypipe Civils Cleaning Fluid

Hazard Statements In Full

H370	Causes damage to organs <<Organs>>.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H225	Highly flammable liquid and vapour.
H371	May cause damage to organs <<Organs>>.
H331	Toxic if inhaled.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.