



SAFETY DATA SHEET

Pink Pressure Washer Fluid

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Pink Pressure Washer Fluid
Product number	SAPP0174A
Internal identification	NQA2404
REACH registration notes	This is a MIXTURE; no registration information contained in this document . Holts are classed as Downstream User.

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

Identified uses	Car maintenance product. Detergent.
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1.3. Details of the supplier of the safety data sheet

Supplier	Holt Lloyd Services 52 Rue des 40 Mines, 60000 – Allonne, France Phone: +33 (0)3 64 99 00 32 info@holtsauto.com
Contact person	Contact Email address: info@holtsauto.com
Manufacturer	Holt Lloyd International Ltd Barton Dock Road Stretford Manchester M32 0YQ - England, UK +44 (0) 161 866 4800 FAX +44 (0) 161 866 4854 www.holtsauto.com

1.4. Emergency telephone number

Emergency telephone	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
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Pink Pressure Washer Fluid

National emergency telephone number +43 1 31304 5620; chemikalien@umweltbundesamt.at (Austria)
 +32022649636; info@poisoncentre.be (Belgium)
 +359 2 9154 409; poison_centre@mail.orbitel.bg (Bulgaria)
 +38514686910; toksikologija@hzjz.hr (Croatia)
 +35722405611; cy-chemregistry@dlm.msi.gov.cy (Cyprus)
 +420267082257; biocidy@mzcr.cz (Czech Republic)
 +45 72 54 40 00; mst@mst.dk (Denmark)
 +372 794 3500; clp@terviseamet.ee, info@terviseamet.ee (Estonia)
 +358 5052 000; kirjaamo@tukes.fi (Finland)
 + 33 3 83 85 21 92; bnpc@chru-nancy.fr (France)
 +49-30-18412-0; bfr@bfr.bund.de (Germany)
 +302106479250; +302106479450; devxp.gcsf@aade.gr, environment.gcsf@aade.gr (Greece)
 +36 (1) 476 1135; clp.ca@nnk.gov.hu (Hungary)
 +354 543 22 22; eitur@landspitali.is (Iceland)
 +353 (1) 809 2166 / +353 (1) 809 2566; chemicalsinfo@beaumont.ie (Ireland)
 +390649906140; inscweb@iss.it (Italy)
 +371 67032600; lvgmc@lvgmc.lv (Latvia)
 +370 70662008; aaa@aaa.am.lt (Lithuania)
 +320 22649636; +352 24785551; info@poisoncentre.be; direction-sante@ms.etat.lu (Luxembourg)
 +356 2395 2000; info@mccaa.org.mt (Malta)
 +31 88 75 585 61; productnotificatie@umcutrecht.nl (The Netherlands)
 +4573580500; produktregisteret@miljodir.no / +47 21 07 70 00; folkehelseinstituttet@fhi.no (Norway)
 +48 42 2538 400; biuro@chemikalia.gov.pl (Poland)
 +351213303271; ciav.tox@inem.pt (Portugal)
 +40213183606; infotox@insp.gov.ro (Romania)
 +7 495 621 6885; +7 495 628 1687; rtiac@mail.ru; rtiac2003@yahoo.com (Russia)
 +421 2 5465 2307; ntic@ntic.sk (Slovakia)
 + 386 1 522 1293; gp.ukc@kclj.si (Slovenia)
 +34 917689800; intcf.doc@justicia.es (Spain)
 +46104566750; giftinformation@gic.se (Sweden)
 +44 121 507 4123; allistervale@npis.org, sallybradberry@npis.org (UK)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

Hazard statements	NC Not Classified
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P501 Dispose of contents/ container in accordance with national regulations.
Detergent labelling	< 5% EDTA and salts thereof, < 5% non-ionic surfactants

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

Pink Pressure Washer Fluid

3.2. Mixtures

Alcohols C9-11, ethoxylated CAS number: 68439-45-2			<1%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318			
Tetrasodium EDTA CAS number: 64-02-8 EC number: 200-573-9 REACH registration number: 01-2119486762-27-XXXX			<1%
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318			
D-Glucopyranose, Oligomers, C8-C10 alkyl glucosides CAS number: 68515-73-1 EC number: 500-220-1 REACH registration number: 01-2119488530-36-XXXX			<1%
Classification Eye Dam. 1 - H318			
Hexyl-D-glucoside CAS number: 54549-24-5 EC number: 259-217-6 REACH registration number: 01-2119492545-29-XXXX			<1%
Classification Eye Dam. 1 - H318			
Alcohols C9-11, ethoxylated CAS number: 68439-46-3 REACH registration number: 01-2119980051-45-XXXX			<1%
Classification Eye Dam. 1 - H318			
Cocamidopropyl Betaine CAS number: 61789-40-0 EC number: 263-058-8 REACH registration number: 01-2120770501-61-XXXX			<1%
Classification Eye Dam. 1 - H318 Aquatic Chronic 3 - H412			

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SODIUM HYDROXIDE <1%		
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX
Classification Skin Corr. 1A - H314 Eye Dam. 1 - H318		

TRISODIUM NTA <1%		
CAS number: 5064-31-3	EC number: 225-768-6	REACH registration number: 01-2119519239-36-XXXX
Classification Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Carc. 2 - H351		

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Inhalation	Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse nose, mouth and throat with water. Get medical attention if any discomfort continues. Never give anything by mouth to an unconscious person.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause discomfort if swallowed.
Skin contact	May be slightly irritating to skin. Prolonged skin contact may cause redness and irritation.
Eye contact	May be slightly irritating to eyes. Prolonged or repeated exposure may cause severe irritation.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.
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5.2. Special hazards arising from the substance or mixture

Specific hazards Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

Hazardous combustion products Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

Special protective equipment for firefighters Wear chemical protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Not considered to be a significant hazard due to the small quantities used.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid inhalation of vapours and contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from food, drink and animal feeding stuffs. Keep only in the original container. Store in a cool and well-ventilated place.

Storage class Chemical storage.

7.3. Specific end use(s)

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

Occupational exposure limits

SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

Tetrasodium EDTA (CAS: 64-02-8)

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DNEL	Workers - Inhalation; Long term local effects: 1.5 mg/m³ Workers - Inhalation; Short term local effects: 3 mg/m³ General population - Inhalation; Long term local effects: 0.6 mg/m³ General population - Inhalation; Short term local effects: 1.2 mg/m³ General population - Oral; Long term systemic effects: 25 mg/kg/day
PNEC	Fresh water; 2.2 mg/l Intermittent release; 1.2 mg/l marine water; 0.22 mg/l STP; 43 mg/l Soil; 0.72 mg/kg

D-Glucopyranose, Oligomers, C8-C10 alkyl glucosides (CAS: 68515-73-1)

DNEL	Workers - Inhalation; Long term systemic effects: 420 mg/m³ Workers - Dermal; Long term systemic effects: 595000 mg/kg/day General population - Inhalation; Long term systemic effects: 124 mg/m³ General population - Dermal; Long term systemic effects: 357000 mg/kg/day General population - Oral; Long term systemic effects: 35.7 mg/kg/day
PNEC	Fresh water; 0.176 mg/l Intermittent release; 0.27 mg/l marine water; 0.018 mg/l STP; 560 mg/l Sediment (Freshwater); 1.516 mg/kg sediment dw Sediment (Marinewater); 0.152 mg/kg sediment dw Soil; 0.654 mg/kg soil dw

Alcohols C9-11, ethoxylated (CAS: 68439-46-3)

DNEL	Workers - Inhalation; Long term systemic effects: 294 mg/m³ Workers - Dermal; Long term systemic effects: 2080 mg/kg/day General population - Inhalation; Long term systemic effects: 87 mg/m³ General population - Dermal; Long term systemic effects: 1250 mg/kg/day General population - Oral; Long term systemic effects: 25 mg/kg/day
PNEC	Fresh water; 0.104 mg/l Intermittent release; 0.014 mg/l marine water; 0.104 mg/l STP; 1.4 mg/l Sediment (Freshwater); 13.7 mg/kg Sediment (Marinewater); 13.7 mg/kg Soil; 1 mg/kg

Hexyl-D-glucoside (CAS: 54549-24-5)

DNEL	Workers - Inhalation; Long term systemic effects: 420 mg/m³ Workers - Dermal; Long term systemic effects: 595 000 mg/kg/day General population - Inhalation; Long term systemic effects: 124 mg/m³ General population - Dermal; Long term systemic effects: 357 000 mg/kg/day General population - Oral; Long term systemic effects: 35.7 mg/kg/day
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Pink Pressure Washer Fluid

PNEC	Fresh water; 0.176 mg/l
	Intermittent release; 4.2 mg/l
	marine water; 0.018 mg/l
	STP; 100 mg/l
	Sediment (Freshwater); 0.72 mg/kg
	Sediment (Marinewater); 0.072 mg/kg
	Soil; 0.654 mg/kg

Cocamidopropyl Betaine (CAS: 61789-40-0)

DNEL	Workers - Inhalation; Long term systemic effects: 8.22 mg/m ³
	Workers - Dermal; Long term systemic effects: 2.33 mg/kg/day
	General population - Inhalation; Long term systemic effects: 1.45 mg/m ³
	General population - Dermal; Long term systemic effects: 0.833 mg/kg/day
	General population - Oral; Long term systemic effects: 0.833 mg/kg/day

PNEC	Fresh water; 3.2 µg/l
	Intermittent release; 20 (freshwater) µg/l
	marine water; 0.32 µg/l
	Intermittent release; 2 (marine) µg/l
	STP; 300 mg/l
	Sediment (Freshwater); 0.291 mg/kg sediment dw
	Sediment (Marinewater); 21.9 µg/l
	Soil; 41.9 µg/kg soil dw

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL	Workers - Inhalation; Long term local effects: 1 mg/m ³
	General population - Dermal; Long term local effects: 1 mg/m ³

8.2. Exposure controls

Eye/face protection	Wear chemical splash goggles.
Hand protection	Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	No specific requirements are anticipated under normal conditions of use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Colour	Pink.
pH	pH (concentrated solution): 10.80
Flash point	>100°C Closed cup.
Relative density	ca. 1.0 @ 20°C
Solubility(ies)	Miscible with water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

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Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not relevant.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Genotoxicity - in vivo Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

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Reproductive toxicity - development Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant.

Inhalation This is unlikely to occur but symptoms similar to those of ingestion may develop.

Ingestion May cause discomfort if swallowed.

Skin contact May be slightly irritating to skin. Prolonged skin contact may cause redness and irritation.

Eye contact May be slightly irritating to eyes. Prolonged or repeated exposure may cause severe irritation.

Toxicological information on ingredients.

Tetrasodium EDTA

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 1780 - < 2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LOAEL 30 mg/m³, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Reproductive toxicity - fertility Multi-generation study - NOAEL 250 mg/kg/day, Oral, Rat F1, F2 Based on available data the classification criteria are not met.

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Reproductive toxicity - development No evidence of reproductive toxicity in animal studies.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant.

Inhalation Harmful if inhaled.

Ingestion Harmful if swallowed.

Skin contact No adverse effects known.

Eye contact Causes serious eye damage.

D-Glucopyranose, Oligomers, C8-C10 alkyl glucosides

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No information required.

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity No information required.

Reproductive toxicity

Reproductive toxicity - fertility One-generation study - NOAEL 1000 mg/kg/day, Oral, Rat Based on available data the classification criteria are not met.

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Reproductive toxicity - development Teratogenicity: - NOAEL: 1000 mg/kg/day, Oral, Rat This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Conclusive data but not sufficient for classification.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Conclusive data but not sufficient for classification.

Aspiration hazard

Aspiration hazard Not relevant.

Hexyl-D-glucoside

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No specific test data are available.

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility One-generation study - NOAEL 1000 mg/kg/day, Oral, Rat F0 No evidence of reproductive toxicity in animal studies.

Reproductive toxicity - development Maternal toxicity:, Fetotoxicity:, Teratogenicity: - NOAEL: 1000 mg/kg/day, Oral, Rat No evidence of reproductive toxicity in animal studies.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Pink Pressure Washer Fluid

Aspiration hazard

Aspiration hazard Not relevant.

Alcohols C9-11, ethoxylated

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 3488 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rabbit, Rat

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ > 1600 mg/m³, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo No information available.

Carcinogenicity

Carcinogenicity Scientifically unjustified.

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - NOAEL 250 mg/kg/day, Dermal, Rat F1, F2 Conclusive data but not sufficient for classification.

Reproductive toxicity - development Teratogenicity: - NOAEL: 250 mg/kg/day, Dermal, Rat This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant.

Cocamidopropyl Betaine

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 2000 mg/kg, Oral, Rat, Mouse

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Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rat

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility - NOAEL 1000 mg/kg/day, Oral, Rat

Reproductive toxicity - development - NOAEL: > 950 mg/kg/day, Oral, Rat

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant.

SODIUM HYDROXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 500.0

Species Rat

Notes (oral LD₅₀) Not applicable. REACH dossier information.

Acute toxicity - dermal

Notes (dermal LD₅₀) Not applicable. REACH dossier information.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Not applicable. REACH dossier information.

Skin corrosion/irritation

Skin corrosion/irritation Causes severe burns.

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Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Scientifically unjustified. REACH dossier information.

Reproductive toxicity - development This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant.

SECTION 12: Ecological information

Ecotoxicity No negative effects on the aquatic environment are known.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish No information available.

Acute toxicity - aquatic invertebrates Not available.

Acute toxicity - aquatic plants Not available.

Acute toxicity - microorganisms Not available.

Acute toxicity - terrestrial Not available.

Chronic aquatic toxicity

Chronic toxicity - fish early life stage Not available.

Short term toxicity - embryo and sac fry stages Not available.

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Chronic toxicity - aquatic invertebrates Not available.

Ecological information on ingredients.

Tetrasodium EDTA

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 41 - 2070 mg/l, *Lepomis macrochirus* (Bluegill)
REACH dossier information.

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: > 100 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants LC₅₀, 72 hours: > 300 mg/l, Algae

Acute toxicity - microorganisms EC₂₀, 30 minutes: > 500 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 35 days: > 25.7 mg/l, *Brachydanio rerio* (Zebra Fish)
Read-across data.

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 25 mg/l, *Daphnia magna*
Read-across data.

D-Glucopyranose, Oligomers, C8-C10 alkyl glucosides

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 100.81 mg/l, *Brachydanio rerio* (Zebra Fish)
LC₅₀, 96 hours: 96.64 mg/l, *Scophthalmus maximus*

Acute toxicity - aquatic invertebrates EC₅₀, 96 hours: > 100 mg/l, *Daphnia magna*
EC₅₀, 96 hours: 31.62 mg/l, *Acartia tonsa*

Acute toxicity - aquatic plants EC₅₀, 72 hours: 27.22 mg/l, *Scenedesmus subspicatus*
EC₁₀, NOEC, 72 hours: 6.25 mg/l, *Scenedesmus subspicatus*
EC₅₀, 72 hours: 7.03 mg/l, *Skeletonema costatum*

Acute toxicity - microorganisms EC₅₀, 6 hours: > 560 mg/l, *Pseudomonas putida*

Acute toxicity - terrestrial EC₅₀, 14 days: > 654 mg/kg, *Avena sativa*, *Brassica rapa*, *Lycopersicon esculentum*
LC₅₀, 14 days: > 654 mg/l, *Eisenia Fetida* (Earthworm)

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 28 days: 1.8 mg/l, *Brachydanio rerio* (Zebra Fish)

Chronic toxicity - aquatic invertebrates EC₁₀, NOEC, 21 days: 1.76 mg/l, *Daphnia magna*

Hexyl-D-glucoside

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 420 mg/l, *Oncorhynchus mykiss* (Rainbow trout)
LC₅₀, 96 hours: > 100 mg/l, *Scophthalmus maximus*

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Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: > 100 mg/l, <i>Daphnia magna</i> LL ₅₀ , 48 hours: 730 mg/l, <i>Acartia tonsa</i>
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 780 mg/l, <i>Scenedesmus subspicatus</i> NOEC, 72 hours: 125 mg/l, <i>Scenedesmus subspicatus</i> EL50, 72 hours: 435 mg/l, <i>Skeletonema costatum</i> NOEL, 72 hours: 180 mg/l, <i>Skeletonema costatum</i>
Acute toxicity - microorganisms	EC ₅₀ , 4 hours: > 1000 mg/l, Activated sludge
Acute toxicity - terrestrial	LC ₅₀ , 10 days: > 1547 mg/kg, <i>Corophium volutator</i> NOEC, 10 days: 698 mg/kg, <i>Corophium volutator</i> NOEC, 14 days: 654 mg/kg, <i>Eisenia Fetida</i> (Earthworm) NOEC, 14 days: 654 mg/kg, <i>Avena sativa</i> , <i>Brassica rapa</i> , <i>Lycopersicon esculentum</i>

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 28 days: 1.8 mg/l, <i>Brachydanio rerio</i> (Zebra Fish)
Chronic toxicity - aquatic invertebrates	EC ₁₀ , 21 days: 1.76 mg/l, Freshwater invertebrates NOEC, 21 days: 2 mg/l, Freshwater invertebrates

Alcohols C9-11, ethoxylated

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 5 - 7 mg/l, <i>Oncorhynchus mykiss</i> (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 2.5 mg/l, <i>Daphnia magna</i> LC ₅₀ , 96 hours: 9.9 mg/l, <i>Crangon crangon</i>
Acute toxicity - aquatic plants	ErC ₂₀ , 72 hours: 1.978 mg/l, <i>Desmodesmus subspicatus</i> ErC ₅₀ , 96 hours: 1.4 mg/l, <i>Selenastrum capricornutum</i>
Acute toxicity - microorganisms	EC ₅₀ , 3 hours: 140 mg/l, Activated sludge EC ₅₀ , 16.9 hours: > 10 g/L, <i>Pseudomonas putida</i>

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	EC ₂₀ , 30 days: 1.86 mg/l, <i>Pimephales promelas</i> (Fat-head Minnow), QSAR
Chronic toxicity - aquatic invertebrates	EC ₂₀ , 21 days: 2.11 mg/l, <i>Daphnia magna</i> , QSAR

Cocamidopropyl Betaine

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 2 mg/l, <i>Brachydanio rerio</i> (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC ₅₀ , LC ₅₀ , 48 hours: 6.4 mg/l, <i>Daphnia magna</i>
Acute toxicity - aquatic plants	EC ₅₀ , 48 hours: 30 mg/l, <i>Ulva lactuca</i>
Acute toxicity - microorganisms	EC ₅₀ , 16 hours: > 3000 mg/l, <i>Pseudomonas putida</i>

Chronic aquatic toxicity

Pink Pressure Washer Fluid

Chronic toxicity - fish early life stage NOEC, 28 days: 0.16 mg/l, Oncorhynchus mykiss (Rainbow trout)

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 3.6 mg/l, Daphnia magna

SODIUM HYDROXIDE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 33-189 hours: 96 mg/l, Fish
LC₅₀, 45.5 hours: 96 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates LC₅₀, 48 hours: 30 - < 1000 mg/l, Daphnia magna

Acute toxicity - aquatic plants Scientifically unjustified.

Acute toxicity - microorganisms EC10, 2 minutes: 161 mg/l, Tetrahymena Thermophila
EC₅₀, 15 minutes: 22 mg/l, Photobacterium phosphoreum luminescence inhibition study

Chronic aquatic toxicity

Chronic toxicity - fish early life stage Not available.

Short term toxicity - embryo and sac fry stages Not available.

Chronic toxicity - aquatic invertebrates Not applicable.

12.2. Persistence and degradability

Ecological information on ingredients.

Tetrasodium EDTA

Persistence and degradability Not readily biodegradable.

D-Glucopyranose, Oligomers, C8-C10 alkyl glucosides

Persistence and degradability Rapidly degradable

Stability (hydrolysis) pH4 - Degradation 0: 5 days @ 50°C
pH7 - Degradation 0: 5 days @ 50°C
pH9 - Degradation 0: 5 days @ 50°C

Hexyl-D-glucoside

Persistence and degradability Rapidly degradable

Stability (hydrolysis) pH4, pH7, pH9 - Degradation 0%: 5 days @ 50°C

Alcohols C9-11, ethoxylated

Pink Pressure Washer Fluid

Persistence and degradability Rapidly degradable

Cocamidopropyl Betaine

Persistence and degradability Rapidly degradable

SODIUM HYDROXIDE

Persistence and degradability No data available.

Stability (hydrolysis) Scientifically unjustified.
REACH dossier information.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Ecological information on ingredients.

Tetrasodium EDTA

Bioaccumulative potential Bioaccumulation is unlikely.

D-Glucopyranose, Oligomers, C8-C10 alkyl glucosides

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient log Kow: < 1.77

Hexyl-D-glucoside

Bioaccumulative potential No information required.

Alcohols C9-11, ethoxylated

Bioaccumulative potential Bioaccumulation is unlikely.

Cocamidopropyl Betaine

Bioaccumulative potential BCF: 70.79 L/Kg ww, QSAR

SODIUM HYDROXIDE

Bioaccumulative potential No potential for bioaccumulation.

Partition coefficient No information required. REACH dossier information.

12.4. Mobility in soil

Mobility The product is non-volatile. The product is miscible with water. May spread in water systems.

Ecological information on ingredients.

Hexyl-D-glucoside

Adsorption/desorption coefficient - Log Koc: 0.7 - 1.7 @ 20°C

Pink Pressure Washer Fluid

Alcohols C9-11, ethoxylated

Adsorption/desorption coefficient Koc 1288 L/kg QSAR

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

Tetrasodium EDTA

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

D-Glucopyranose, Oligomers, C8-C10 alkyl glucosides

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Hexyl-D-glucoside

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Alcohols C9-11, ethoxylated

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Cocamidopropyl Betaine

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

SODIUM HYDROXIDE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

D-Glucopyranose, Oligomers, C8-C10 alkyl glucosides

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

Pink Pressure Washer Fluid

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation 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) (as amended).
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 (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

**Authorisations (Annex XIV
Regulation 1907/2006)** No specific authorisations are known for this product.

**Restrictions (Annex XVII
Regulation 1907/2006)** No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Pink Pressure Washer Fluid

Abbreviations and acronyms used in the safety data sheet

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate.
CAS: Chemical Abstracts Service.
BOD: Biochemical Oxygen Demand.
DNEL: Derived No Effect Level.
EC₅₀: 50% of maximal Effective Concentration.
GHS: Globally Harmonized System.
IARC: International Agency for Research on Cancer.
IATA: International Air Transport Association.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
LC₅₀: Lethal Concentration to 50 % of a test population.
LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
LOAEC: Lowest Observed Adverse Effect Concentration.
LOAEL: Lowest Observed Adverse Effect Level.
NOAEC: No Observed Adverse Effect Concentration.
NOAEL: No Observed Adverse Effect Level.
NOEC: No Observed Effect Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No Effect Concentration.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
SVHC: Substances of Very High Concern.
UVCB - Unknown or variable composition, complex reaction products or Biological materials.
vPvB: Very Persistent and Very Bioaccumulative.

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Revision

3

Supersedes date

08/04/2019

SDS number

21531

Hazard statements in full

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H412 Harmful to aquatic life with long lasting effects.