



Prestone



## SAFETY DATA SHEET Holts Radweld

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

#### 1.1. Product identifier

<b>Product name</b>	Holts Radweld
<b>Product number</b>	HREP0069A, HREP0068A, RW2R, RW4R, 52032030002
<b>Internal identification</b>	NQA2414
<b>UFI</b>	UFI: 18P6-P0UC-300J-7GXQ
<b>REACH registration notes</b>	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.

#### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	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
<b>Contact person</b>	Contact Email address: info@holtsauto.com

#### 1.4. Emergency telephone number

<b>Emergency telephone</b>	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
<b>National emergency telephone number</b>	National Poisons Information Service City Hospital, Birmingham B187QH, United Kingdom Telephone: +44 121 507 4123 Email: allistervale@npis.org, sallybradberry@npis.org  www.npis.org

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Repr. 2 - H361d
<b>Environmental hazards</b>	Not Classified

#### 2.2. Label elements

## Holts Radweld

### Hazard pictograms



<b>Signal word</b>	Warning
<b>Hazard statements</b>	H361d Suspected of damaging the unborn child.
<b>Precautionary statements</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P308+P313 IF exposed or concerned: Get medical advice/ attention. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.
<b>UFI</b>	UFI: 18P6-P0UC-300J-7GXQ
<b>Contains</b>	TOLUENE
<b>Supplementary precautionary statements</b>	P201 Obtain special instructions before use.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>TOLUENE</b> <span style="float: right;"><b>1-5%</b></span>		
CAS number: 108-88-3	EC number: 203-625-9	REACH registration number: 01-2119471310-51-XXXX
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304		
<b>Trisodium Citrate Dihydrate</b> <span style="float: right;"><b>1-5%</b></span>		
CAS number: 6132-04-3	EC number: 200-675-3	REACH registration number: 01-2119457027-40-XXXX
<b>Classification</b> Not Classified		

## Holts Radweld

<b>(Benzyloxy)methanol</b>	<b>&lt;1%</b>
CAS number: 14548-60-8                      EC number: 238-588-8	
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT SE 3 - H335	
<b>SODIUM HYDROXIDE</b>	<b>&lt;1%</b>
CAS number: 1310-73-2                      EC number: 215-185-5                      REACH registration number: 01-2119457892-27-XXXX	
<b>Classification</b>	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	
<b>METHYL METHACRYLATE</b>	<b>&lt;1%</b>
CAS number: 80-62-6                      EC number: 201-297-1	
<b>Classification</b>	
Flam. Liq. 2 - H225	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
STOT SE 3 - H335	
<b>BUTYL ACRYLATE, -norm</b>	<b>&lt;1%</b>
CAS number: 141-32-2                      EC number: 205-480-7	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
STOT SE 3 - H335	

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

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<b>Skin contact</b>	Remove affected person from source of contamination. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. 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

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

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.
<b>Hazardous combustion products</b>	Oxides of carbon. Oxides of nitrogen.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

## Holts Radweld

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**Storage class** Unspecified 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

##### **TOLUENE**

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 191 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 574 mg/m<sup>3</sup>(Sk)

##### **SODIUM HYDROXIDE**

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

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

##### **METHYL METHACRYLATE**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 208 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 416 mg/m<sup>3</sup>

##### **BUTYL ACRYLATE, -norm**

Long-term exposure limit (8-hour TWA): WEL 1 ppm 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 5 ppm 26 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

### TOLUENE (CAS: 108-88-3)

#### **DNEL**

Workers - Inhalation; Long term systemic effects: 192 mg/m<sup>3</sup>

Workers - Inhalation; Short term systemic effects: 384 mg/m<sup>3</sup>

Workers - Inhalation; Long term local effects: 192 mg/m<sup>3</sup>

Workers - Inhalation; Short term local effects: 384 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 384 mg/kg bw/day

General population - Inhalation; Long term systemic effects: 56.5 mg/m<sup>3</sup>

General population - Inhalation; Short term systemic effects: 226 mg/m<sup>3</sup>

General population - Inhalation; Long term local effects: 56.5 mg/m<sup>3</sup>

General population - Dermal; Long term systemic effects: 226 mg/kg bw/day

General population - Oral; Long term systemic effects: 8.13 mg/kg bw/day

#### **PNEC**

Fresh water; 0.68 mg/l

Fresh water, Intermittent release; 0.68 mg/l

marine water; 0.68 mg/l

STP; 13.61 mg/l

Sediment (Freshwater); 16.39 mg/kg sediment dw

Sediment (Marinewater); 16.39 mg/l

Soil; 2.89 mg/kg soil dw

### Trisodium Citrate Dihydrate (CAS: 6132-04-3)

## Holts Radweld

<b>PNEC</b>	Fresh water; 0.44 mg/l marine water; 0.044 mg/l STP; 1000 mg/l Sediment (Freshwater); 34.6 mg/kg sediment dw Sediment (Marinewater); 3.46 mg/kg sediment dw Soil; 39.1 mg/kg soil dw
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### SODIUM HYDROXIDE (CAS: 1310-73-2)

<b>DNEL</b>	Consumer - Inhalation; Long term local effects: 1 mg/m <sup>3</sup> Workers - Dermal; Short term local effects: 2 mg/kg/day Workers - Inhalation; Short term local effects: 2 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 1 mg/m <sup>3</sup>
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## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Rubber (natural, latex). To protect hands from chemicals, gloves should comply with European Standard EN374.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. Do not eat, drink or smoke when using this product.

### Respiratory protection

Respiratory protection not required.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	Buff.
<b>Odour</b>	Mild. Aromatic.
<b>pH</b>	pH (concentrated solution): 10.76
<b>Flash point</b>	> 60°C Closed cup.
<b>Relative density</b>	1.016 @ 20°C
<b>Solubility(ies)</b>	Miscible with water.

### 9.2. Other information

## Holts Radweld

**Volatile organic compound** This product contains a maximum VOC content of 5 %.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**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 applicable. Will not polymerise.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

#### 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** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** 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** No information available.

## Holts Radweld

### Reproductive toxicity

**Reproductive toxicity - fertility** Contains an ingredient listed as: Known reproductive toxicant based on animal evidence.  
Repr. 2

### 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** No specific health hazards known.

**Ingestion** May cause discomfort if swallowed. May cause stomach pain or vomiting.

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

**Eye contact** May be slightly irritating to eyes. Prolonged contact may cause redness and/or tearing.

**Acute and chronic health hazards** May damage the unborn child. Suspected of damaging fertility.

### Toxicological information on ingredients.

#### TOLUENE

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> > 5000 mg/kg, Oral, Rat

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> > 5000 mg/kg, Dermal, Rabbit

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LC<sub>50</sub> > 20 mg/l, Inhalation, Human NOAEC 300 mg/m<sup>3</sup>, Inhalation, Human

##### Skin corrosion/irritation

**Skin corrosion/irritation** Causes skin irritation.

##### 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** Not sensitising.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

**Genotoxicity - in vivo** Negative.

##### Carcinogenicity

**Carcinogenicity** No evidence of carcinogenicity in animal studies.



## Holts Radweld

### Reproductive toxicity

**Reproductive toxicity - fertility** Suspected of damaging fertility. Fertility - NOAEC 4522 mg/m<sup>3</sup>, Inhalation, Rat F1

### Specific target organ toxicity - single exposure

**STOT - single exposure** Central and/or peripheral nervous system damage.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Brain damage. Hearing loss Effects on colour vision

### Aspiration hazard

**Aspiration hazard** May be fatal if swallowed and enters airways.

### (Benzylloxy)methanol

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,700.0

**Species** Rat

**ATE oral (mg/kg)** 500.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 1,500.0

**Species** Rat

**ATE dermal (mg/kg)** 1,100.0

#### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l)** 502.0

**Species** Rat

#### Skin corrosion/irritation

**Skin corrosion/irritation** Causes skin irritation.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

### Specific target organ toxicity - single exposure

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

### SODIUM HYDROXIDE

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 500.0

**Species** Rat

## SECTION 12: Ecological information

## Holts Radweld

**Ecotoxicity** Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### 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.

**Chronic toxicity - aquatic invertebrates** Not available.

#### Ecological information on ingredients.

### TOLUENE

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 5.5 mg/l, Oncorhynchus kisutch (Coho salmon)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 3.78 mg/l, Freshwater invertebrates

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 3 hours: 134 mg/l, Chlorella vulgaris and Chlamydomonas angulosa  
NOEC, 72 hours: 10 mg/l, Skeletonema costatum

**Acute toxicity - microorganisms** IC<sub>50</sub>, 24 hours: 84 mg/l, Nitrosomonas sp.

#### Chronic aquatic toxicity

**Short term toxicity - embryo and sac fry stages** NOEC, 40 days: 1.4 mg/l, Oncorhynchus kisutch (Coho salmon)

**Chronic toxicity - aquatic invertebrates** NOEC, 7 days: 0.74 mg/l, Ceriodaphnia dubia

### (Benzyloxy)methanol

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 81.5 mg/l, Fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 43 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: 17.7 mg/l, Scenedesmus subspicatus

## Holts Radweld

### SODIUM HYDROXIDE

#### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 33-189 hours: 96 mg/l, Fish LC <sub>50</sub> , 45.5 hours: 96 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 40-240 hours: 48 mg/l, Daphnia magna

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

#### Ecological information on ingredients.

### TOLUENE

<b>Persistence and degradability</b>	Rapidly degradable
<b>Stability (hydrolysis)</b>	Not relevant.

### (Benzyloxy)methanol

<b>Biodegradation</b>	Rapidly degradable Water - Degradation 100%: 18 days
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#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

#### Ecological information on ingredients.

### TOLUENE

<b>Bioaccumulative potential</b>	BCF: ~ 90, Leuciscus idus (Golden orfe) Bioaccumulation is unlikely.
<b>Partition coefficient</b>	log Pow: 2.73

### (Benzyloxy)methanol

<b>Partition coefficient</b>	log Pow: 0.3
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### SODIUM HYDROXIDE

<b>Bioaccumulative potential</b>	No potential for bioaccumulation.
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#### 12.4. Mobility in soil

**Mobility** The product contains substances which are water-soluble and may spread in water systems.

#### 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.

### TOLUENE

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

## Holts Radweld

### (Benzyloxy)methanol

**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.

### **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**

**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 Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### **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).

## Holts Radweld

**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 (as amended).

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).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

**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

**Abbreviations and acronyms used in the safety data sheet**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

BOD: Biochemical Oxygen Demand.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

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.

**Revision date** 09/01/2021

**Revision** 2

**Supersedes date** 15/07/2019

**SDS number** 21553

## Holts Radweld

### Hazard statements in full

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H361d Suspected of damaging the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.