



## SAFETY DATA SHEET

### Dry Wash II

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

##### 1.1. Product identifier

Product name Dry Wash II  
Product number 520073

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

Identified uses Embalming Cosmetic

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

Supplier The MazWell Group Ltd.  
Units 11/14-15 Ardglen Industrial Estate,  
Whitchurch, Hampshire,  
RG28 7BB, United Kingdom  
+44 (0)1256-893883  
+44 (0)1256-893868  
enquiries@themazwellgroup.com

##### 1.4. Emergency telephone number

Emergency telephone +44 (0)1256 893883 (Mon- Fri 9:00 am - 4:30 pm)

#### SECTION 2: Hazards identification

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

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

Physical hazards Flam. Liq. 2 - H225  
Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336 Asp. Tox. 1 - H304  
Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

##### 2.2. Label elements

###### Hazard pictograms



Signal word Danger

Hazard statements  
H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H304 May be fatal if swallowed and enters airways.  
H410 Very toxic to aquatic life with long lasting effects.

## Dry Wash II

<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P331 Do NOT induce vomiting.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Detergent labelling</b>	≥ 30% aliphatic hydrocarbons
<b>Contains</b>	Acetone, Heptane, Isopropyl acetate, Propan-2-ol
<b>Supplementary precautionary statements</b>	<p>P240 Ground and bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use non-sparking tools.</p> <p>P243 Take action to prevent static discharges.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P391 Collect spillage.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p>

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Acetone</b>	<b>25 - &lt;50%</b>
CAS number: 67-64-1	EC number: 200-662-2
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

## Dry Wash II

<b>Heptane</b>	<b>25 - &lt;50%</b>	
CAS number: 142-82-5	EC number: 205-563-8	
M factor (Acute) = 1	M factor (Chronic) = 1	
<b>Classification</b>		
Flam. Liq. 2 - H225		
Skin Irrit. 2 - H315		
STOT SE 3 - H336		
Asp. Tox. 1 - H304		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		
<b>Isopropyl acetate</b>	<b>5 - &lt;10%</b>	
CAS number: 108-21-4	EC number: 203-561-1	
<b>Classification</b>		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
<b>Propan-2-ol</b>	<b>3 - &lt;5%</b>	
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-XXXX
<b>Classification</b>		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		

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>	If in doubt, get medical attention promptly.
<b>Inhalation</b>	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.
<b>Ingestion</b>	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Wash contaminated clothing before reuse. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 10 minutes. Get medical attention promptly if symptoms occur after washing.

#### 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>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	Aspiration hazard if swallowed. Dryness of mouth and throat.

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**Skin contact** Causes skin irritation.

**Eye contact** Irritating to eyes.

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

**Notes for the doctor** Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**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** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### **5.3. Advice for firefighters**

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Avoid inhalation of vapours. Avoid contact with eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

### **6.2. Environmental precautions**

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### **6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** Eliminate all sources of ignition. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Absorb spillage with non-combustible, absorbent material. Place waste in labelled, sealed containers. Dispose of contents/container in accordance with national regulations.

### **6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. 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** Read and follow manufacturer's recommendations. Avoid inhalation of vapours and 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.

### **7.3. Specific end use(s)**

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**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

###### Acetone

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

###### Heptane

Long-term exposure limit (8-hour TWA): WEL 500 ppm 2085 mg/m<sup>3</sup>

###### Isopropyl acetate

Short-term exposure limit (15-minute): WEL 200 ppm 849 mg/m<sup>3</sup>

###### Propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### 8.2. Exposure controls

##### Appropriate engineering controls

Observe any occupational exposure limits for the product or ingredients. This product is not to be used under conditions of poor ventilation.

##### Eye/face protection

The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

##### Hand protection

Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374.

##### Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

##### Hygiene measures

Do not eat, drink or smoke when using this product. Provide eyewash station. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

##### Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.

##### Environmental exposure controls

Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Solvent.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	Not available.

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<b>Initial boiling point and range</b>	56°C @ 760 mm Hg
<b>Flash point</b>	-7°C Closed cup.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Flammable liquid and vapour.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 2.5% Upper flammable/explosive limit: 12.8%
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	> 1
<b>Relative density</b>	0.65 @ 20°C
<b>Solubility(ies)</b>	Miscible with water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

**Volatility** >95%

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** See the other subsections of this section for further details.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** In use may form flammable/explosive vapour-air mixture. Reactions with the following materials may generate heat: Oxidising agents.

### 10.4. Conditions to avoid

**Conditions to avoid** Keep away from heat, sparks and open flame.

### 10.5. Incompatible materials

**Materials to avoid** Oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

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

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### 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

**Animal data** Irritating.

### Serious eye damage/irritation

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

### Respiratory sensitisation

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

### 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.

### 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.

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

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H336 May cause drowsiness or dizziness.

### Specific target organ toxicity - repeated exposure

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

### Aspiration hazard

**Aspiration hazard** Aspiration hazard if swallowed.

**Inhalation** Vapours may cause headache, fatigue, dizziness and nausea.

**Ingestion** Dryness of mouth and throat. May cause discomfort if swallowed.

**Skin contact** Irritating to skin.

**Eye contact** Irritating to eyes.

### Toxicological information on ingredients.

#### Acetone

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,800.0

**Species** Rat

**ATE oral (mg/kg)** 5,800.0

##### Acute toxicity - dermal

## Dry Wash II

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 7,427.0

**Species** Rabbit

**ATE dermal (mg/kg)** 7,427.0

### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> gases ppmV)** 54,000.0

**Species** Rat

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 128.0

**Species** Rat

**ATE inhalation (gases ppm)** 54,000.0

**ATE inhalation (vapours mg/l)** 128.0

### Skin corrosion/irritation

**Human skin model test** Repeated exposure may cause skin dryness or cracking.

### Skin sensitisation

**Skin sensitisation** Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Gene mutation: Negative. This substance has no evidence of mutagenic properties.

### Carcinogenicity

**Carcinogenicity** NOEL 0.1 ml, Dermal, Mouse

### Reproductive toxicity

**Reproductive toxicity - development** Maternal toxicity: - NOAEC: 2200 ppm, Inhalation, Rat No evidence of reproductive toxicity in animal studies.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H336 Vapours may cause drowsiness and dizziness.

**Target organs** Central nervous system

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 20000 ppm, Oral, Mouse Not classified as a specific target organ toxicant after repeated exposure.

## Heptane

### 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> >2000 mg/kg, Dermal, Rabbit

### Acute toxicity - inhalation



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<b>Notes (inhalation LC<sub>50</sub>)</b>	LC <sub>50</sub> >29.29 mg/l, 4 hours, Vapour Rat
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Dose: 0.5 mL, 24 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Irritating. Read-across data.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	May cause temporary eye irritation.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Chromosome aberration: Negative.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Two-generation study - NOAEL 10560 mg/m <sup>3</sup> , Inhalation, Rat F1 Read-across data.
<b>Reproductive toxicity - development</b>	Maternal toxicity: - NOAEL: 3168 mg/m <sup>3</sup> , Inhalation, Mouse Developmental toxicity: - NOAEL: 10560 mg/m <sup>3</sup> , Inhalation, Mouse Read-across data.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Vapours may cause drowsiness and dizziness.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOAEC 12470 mg/m <sup>3</sup> , Inhalation, Rat
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Aspiration hazard if swallowed. 0.641 mm <sup>2</sup> /s @ 20°C

### Isopropyl acetate

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	6,750.0
<b>Species</b>	Rat
<b>Notes (oral LD<sub>50</sub>)</b>	REACH dossier information. Based on available data the classification criteria are not met.
<b>ATE oral (mg/kg)</b>	6,750.0
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b>	

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<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Two-generation study - NOAEL >500 mg/kg/day, Oral, Rat F1 REACH dossier information. Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Developmental toxicity: - NOAEL: >480 mg/kg/day, Oral, Rabbit REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	STOT SE 3 - H336 Vapours may cause drowsiness and dizziness.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOAEL 900 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.

### Propan-2-ol

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	5,840.0
<b>Species</b>	Rat
<b>Notes (oral LD<sub>50</sub>)</b>	REACH dossier information.
<b>ATE oral (mg/kg)</b>	5,840.0
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Primary dermal irritation index: 0 REACH dossier information.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Dose: 0.1 ml, 1 second, Rabbit REACH dossier information. Irritating.
<b><u>Skin sensitisation</u></b>	

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<b>Skin sensitisation</b>	Buehler test - Guinea pig: Not sensitising. REACH dossier information.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Gene mutation: Negative. REACH dossier information.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative. REACH dossier information.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	NOEL 5000 ppm, Inhalation, Rat REACH dossier information.
<b>IARC carcinogenicity</b>	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	STOT SE 3 - H336 May cause drowsiness or dizziness.
<b>Target organs</b>	Central nervous system
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOAEC 5000 ppm, Inhalation, Rat REACH dossier information.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Toxicity** Very toxic to aquatic life with long lasting effects.

#### Ecological information on ingredients.

##### Acetone

<b>Toxicity</b>	Aquatic toxicity is unlikely to occur.
<b><u>Acute aquatic toxicity</u></b>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 6210 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity - aquatic invertebrates</b>	LC <sub>50</sub> , 48 hours: 8800 mg/l, Daphnia pulex
<b>Acute toxicity - aquatic plants</b>	NOEC, 8 days: 530 mg/l, Microcystis aeruginosa
<b>Acute toxicity - microorganisms</b>	EC <sub>12</sub> , 30 minutes: 1000 mg/l, Activated sludge
<b><u>Chronic aquatic toxicity</u></b>	
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 28 days: 1106 - 2212 mg/l, Daphnia magna LOEC, 28 days: 2212 mg/l, Daphnia magna

##### Heptane

<b>Toxicity</b>	Very toxic to aquatic life with long lasting effects.
<b><u>Acute aquatic toxicity</u></b>	
<b>LE(C)<sub>50</sub></b>	0.1 < L(E)C <sub>50</sub> ≤ 1
<b>M factor (Acute)</b>	1
<b>Acute toxicity - fish</b>	LL <sub>50</sub> , 96 hours: 5.738 mg/l, Oncorhynchus mykiss (Rainbow trout) Estimated value.

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<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 1.5 mg/l, Daphnia magna LC <sub>50</sub> , 96 hours: 0.1 mg/l, Mysidopsis bahia (Opossum shrimp)
<b>Acute toxicity - aquatic plants</b>	EL <sub>50</sub> , 72 hours: 4.338 mg/l, Pseudokirchneriella subcapitata NOELR, 72 hours: 0.97 mg/l, Pseudokirchneriella subcapitata Estimated value.
<b><u>Chronic aquatic toxicity</u></b>	
<b>M factor (Chronic)</b>	1
<b>Chronic toxicity - fish early life stage</b>	NOELR, 28 days: 1.284 mg/l, Oncorhynchus mykiss (Rainbow trout) Calculation method.
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 21 days: 0.17 mg/l, Daphnia magna

### Isopropyl acetate

<b>Toxicity</b>	Aquatic toxicity is unlikely to occur. Based on available data the classification criteria are not met.
<b><u>Acute aquatic toxicity</u></b>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 48 hours: 360 mg/l, Leuciscus idus (Golden orfe)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 110 mg/l, Artemia salina
<b>Acute toxicity - aquatic plants</b>	EC <sub>3</sub> , 8 days: 165 mg/l, Scenedesmus quadricauda

### Propan-2-ol

<b>Toxicity</b>	No negative effects on the aquatic environment are known.
<b><u>Acute aquatic toxicity</u></b>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 10000 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.
<b>Acute toxicity - aquatic invertebrates</b>	LC <sub>50</sub> , 24 hours: > 10000 mg/l, Daphnia magna REACH dossier information.
<b>Acute toxicity - aquatic plants</b>	Toxicity threshold, 7 days: 1800 mg/l, Scenedesmus quadricauda REACH dossier information.

## 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

## Ecological information on ingredients.

### Acetone

<b>Persistence and degradability</b>	The product is readily biodegradable.
<b>Phototransformation</b>	Water - DT <sub>50</sub> : 10 days
<b>Biodegradation</b>	Water - Degradation (90.9%): 28 days

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### Heptane

<b>Persistence and degradability</b>	The product is readily biodegradable.
<b>Phototransformation</b>	Water - DT <sub>50</sub> : 4.5 days
<b>Biodegradation</b>	Water - Degradation 70 %: 10 days

### Isopropyl acetate

<b>Persistence and degradability</b>	The product is readily biodegradable.
<b>Phototransformation</b>	Water - DT <sub>50</sub> : 36.88 hours Estimated value.
<b>Biodegradation</b>	Water - 76 %: 20 days

### Propan-2-ol

<b>Persistence and degradability</b>	The product is readily biodegradable.
<b>Biodegradation</b>	Water - Degradation (53%): 5 days REACH dossier information. The substance is readily biodegradable.
<b>Biological oxygen demand</b>	1.19 - 1.72 g O <sub>2</sub> /g substance REACH dossier information.
<b>Chemical oxygen demand</b>	2.23 g O <sub>2</sub> /g substance REACH dossier information.

### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Partition coefficient</b>	Not available.

### Ecological information on ingredients.

#### Acetone

<b>Partition coefficient</b>	log Pow: -0.24
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#### Heptane

<b>Bioaccumulative potential</b>	BCF: 552, Estimated value.
<b>Partition coefficient</b>	log Pow: 4.5

#### Isopropyl acetate

<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Partition coefficient</b>	log Pow: 1.02

#### Propan-2-ol

<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
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### 12.4. Mobility in soil

## Dry Wash II

**Mobility** Mobile.

### Ecological information on ingredients.

#### Acetone

**Mobility** The product is soluble in water.  
**Henry's law constant** 2.929 Pa m<sup>3</sup>/mol @ 25°C  
**Surface tension** 23700 mN/m @ 20°C

#### Heptane

**Mobility** The product is partly soluble in water and may spread in the aquatic environment.  
**Adsorption/desorption coefficient** Water - log Koc: 2.38 @ °C Estimated value.  
**Surface tension** 19.66 mN/m @ 25°C

#### Isopropyl acetate

**Mobility** The product is water-soluble and may spread in water systems.

#### Propan-2-ol

**Mobility** Soluble in water.

### 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.

#### Acetone

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

#### Heptane

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

#### Isopropyl acetate

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

#### Propan-2-ol

**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

## Dry Wash II

### 13.1. Waste treatment methods

**Disposal methods** The packaging must be empty (drop-free when inverted). Dispose of contents/container in accordance with national regulations.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	1993
UN No. (IMDG)	1993
UN No. (ICAO)	1993
UN No. (ADN)	1993

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	FLAMMABLE LIQUID, N.O.S. (CONTAINS Acetone, Heptane)
Proper shipping name (IMDG)	FLAMMABLE LIQUID, N.O.S. (CONTAINS Acetone, Heptane)
Proper shipping name (ICAO)	FLAMMABLE LIQUID, N.O.S. (CONTAINS Acetone, Heptane)
Proper shipping name (ADN)	FLAMMABLE LIQUID, N.O.S. (CONTAINS Acetone, Heptane)

#### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

#### Transport labels



#### 14.4. Packing group

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

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



#### 14.6. Special precautions for user

EmS	F-E, S-E
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## Dry Wash II

ADR transport category	2
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

### 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

<b>National regulations</b>	EH40/2005 Workplace exposure limits. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
<b>EU legislation</b>	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.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Classification abbreviations and acronyms</b>	Acute Tox. = Acute toxicity Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic) Asp. Tox. = Aspiration hazard Eye Irrit. = Eye irritation Flam. Liq. = Flammable liquid Skin Irrit. = Skin irritation STOT SE = Specific target organ toxicity-single exposure
<b>Training advice</b>	Only trained personnel should use this material.
<b>Revision comments</b>	Revised formulation.
<b>Revision date</b>	09/11/2020
<b>Revision</b>	7
<b>Supersedes date</b>	09/01/2020
<b>SDS number</b>	599



## Dry Wash II

### Hazard statements in full

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

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.