

# White Diamond Quick Detail

Safety Data Sheet

According to Regulation (EC) No. 453/2010

\*\*\* DRAFT \*\*\*

Date of issue: 06/02/2015

Version: 1.0

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

### 1.1. Product identifier

Product form : Mixture  
Product Name : White Diamond Quick Detail  
Product code : WDQD

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial.  
For professional use only.  
Use of the substance/mixture : Surface Enhancer

#### 1.2.2. Uses advised against

No additional information available

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

#### Company

Schultz Laboratories, Inc.  
P.O. Box 400  
Boone, IA 50036  
T 515-432-3213

#### Importer

Lindon Davies  
Unit 2, Pineview  
Hillside Industrial Park  
Draycott Cross Road  
Cheadle  
Staffordshire  
ST10 1AB

Telephone Sales: 0333 772 0192  
Telephone Accounts: 01538 528088  
Fax: 0808 280 1769  
Mobile: 07720 764049  
Email:  
Sales@whitediamondeu.com  
Accounts@whitediamondeu.com  
Website:  
www.whitediamondeu.com

### 1.4. Emergency telephone number

1-800-535-5053  
INFOTRAC  
Outside US 07720 764049

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

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## 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	98,3703 - 98,3793	Not classified
2-Butoxyethanol	(CAS No) 111-76-2 (EC no) 203-905-0 (EC index no) 603-014-00-0	0,6732	Xn; R20/21/22 Xi; R36/38
XIAMETER(R) MEM-0062 EMULSION PS		0,38	Not classified
Fatty acids, coco, reaction products with diethylenetriamine and soya fatty acids, ethoxylated, chloromethane-quaternized	(CAS No) 68604-75-1 (EC no) 614-644-0	0,315 - 0,36	R10 Xn; R22 Xi; R38 Xi; R41
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	(CAS No) 127087-87-0 (EC no) 500-315-8	0,112 - 0,126	Xn; R22 Xi; R36/38 N; R51/53
Isopropyl alcohol	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0	0,0675	F; R11 Xi; R36 R67
Phenol, 2,6-bis(1-methylethyl)-	(CAS No) 2078-54-8 (EC no) 218-206-6	0,0028 - 0,0084	Not classified
2,6-Dimethylphenol	(CAS No) 576-26-1 (EC no) 209-400-1 (EC index no) 604-006-00-X	0,0014 - 0,0028	T; R24/25 C; R34 N; R51/53

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	98,3703 - 98,3793	Not classified
2-Butoxyethanol	(CAS No) 111-76-2 (EC no) 203-905-0 (EC index no) 603-014-00-0	0,6732	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319
XIAMETER(R) MEM-0062 EMULSION PS		0,38	Eye Dam. 1, H318
Fatty acids, coco, reaction products with diethylenetriamine and soya fatty acids, ethoxylated, chloromethane-quaternized	(CAS No) 68604-75-1 (EC no) 614-644-0	0,315 - 0,36	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched	(CAS No) 127087-87-0 (EC no) 500-315-8	0,112 - 0,126	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Isopropyl alcohol	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0	0,0675	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Phenol, 2,6-bis(1-methylethyl)-	(CAS No) 2078-54-8 (EC no) 218-206-6	0,0028 - 0,0084	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2,6-Dimethylphenol	(CAS No) 576-26-1 (EC no) 209-400-1 (EC index no) 604-006-00-X	0,0014 - 0,0028	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Aquatic Chronic 2, H411

Full text of R- and H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : When symptoms occur: go into open air and ventilate suspected area.
- First-aid measures after skin contact : Remove contaminated clothing. Drench affected area with water for at least 15 minutes.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting.

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

- Symptoms/injuries : None expected under normal conditions of use. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- Symptoms/injuries after inhalation : Prolonged exposure to liquid may cause a mild irritation.
- Symptoms/injuries after skin contact : Prolonged exposure may cause skin irritation.
- Symptoms/injuries after eye contact : Direct contact with the eyes is likely irritating.
- Symptoms/injuries after ingestion : May cause nausea, vomiting, and diarrhea.
- Chronic symptoms : None known.

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

If medical advice is needed, have product SDS at hand.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Does not burn. Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Do not use water jet. Use of heavy stream of water may spread fire.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable.
- Explosion hazard : Product is not explosive.
- Reactivity : Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for firefighters

- Precautionary measures fire : Do not breathe fumes from fires or vapours from decomposition. Fight fire from safe distance and protected location.
- Firefighting instructions : Exercise caution when fighting any chemical fire.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

- Protective equipment : Use appropriate personal protection equipment (PPE).
- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

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Methods for cleaning up : Absorb spillage to prevent material damage. Collect spillage. Clear up spills immediately and dispose of waste safely.

## 6.4. Reference to other sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

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

Storage conditions : Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible products : Strong acids. Strong bases. Strong oxidizers.

Special rules on packaging : Store in original container or corrosive resistant and/or lined container.

### 7.3. Specific end use(s)

Surface Enhancer

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Isopropyl alcohol (67-63-0)		
Austria	MAK (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup> (short time value for large casting)
Austria	MAK (ppm)	200 ppm (short time value for large casting)
Austria	MAK Short time value (mg/m <sup>3</sup> )	2000 mg/m <sup>3</sup> 2000 mg/m <sup>3</sup> (STEL for large casting valid till 12/31/2013)
Austria	MAK Short time value (ppm)	800 ppm 800 ppm (STEL for large casting valid till 12/31/2013)
Belgium	Limit value (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	200 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	400 ppm
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	980,0 mg/m <sup>3</sup>
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	1225,0 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	999 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	400 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	1250 mg/m <sup>3</sup>
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	500 ppm
France	VLE (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
France	VLE (ppm)	400 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup> (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	200 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)

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<b>Isopropyl alcohol (67-63-0)</b>		
Germany	TRGS 903 (BGW)	25 mg/l (Medium: whole blood - Time: end of shift - Parameter: Acetone) 25 mg/l (Medium: urine - Time: end of shift - Parameter: Acetone)
Greece	OEL TWA (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	400 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	500 ppm
USA ACGIH	ACGIH TWA (ppm)	200 ppm
USA ACGIH	ACGIH STEL (ppm)	400 ppm
Latvia	OEL TWA (mg/m <sup>3</sup> )	350 mg/m <sup>3</sup>
Spain	VLA-ED (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup> (it is prohibited the partial or complete commercialization or use of this substance as a phytosanitary or biocide compound)
Spain	VLA-ED (ppm)	200 ppm (it is prohibited the partial or complete commercialization or use of this substance as a phytosanitary or biocide compound)
Spain	VLA-EC (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Spain	VLA-EC (ppm)	400 ppm
Switzerland	VLE (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Switzerland	VLE (ppm)	400 ppm
Switzerland	VME (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Switzerland	VME (ppm)	200 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	999 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	400 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	1250 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	500 ppm
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	490 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	200 ppm
Estonia	OEL TWA (mg/m <sup>3</sup> )	350 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	150 ppm
Estonia	OEL STEL (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Estonia	OEL STEL (ppm)	250 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	200 ppm
Finland	HTP-arvo (15 min)	620 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	250 ppm
Hungary	AK-érték	500 mg/m <sup>3</sup>
Hungary	CK-érték	2000 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	OEL (15 min ref) (ppm)	400 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	350 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	150 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	250 ppm
Norway	Gjennomsnittsverdier (AN) (mg/m <sup>3</sup> )	245 mg/m <sup>3</sup>

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<b>Isopropyl alcohol (67-63-0)</b>		
Norway	Gjennomsnittsverdier (AN) (ppm)	100 ppm
Norway	Gjennomsnittsverdier (Korttidsverdi) (mg/m <sup>3</sup> )	306,25 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (Korttidsverdi) (ppm)	150 ppm
Poland	NDS (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	81 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	203 ppm
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	200 ppm
Slovakia	NPHV (Hraničná) (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Slovenia	OEL TWA (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Slovenia	OEL TWA (ppm)	200 ppm
Slovenia	OEL STEL (mg/m <sup>3</sup> )	2000 mg/m <sup>3</sup>
Slovenia	OEL STEL (ppm)	800 ppm
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	350 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	150 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	250 ppm
Portugal	OEL TWA (ppm)	200 ppm
Portugal	OEL STEL (ppm)	400 ppm
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen
<b>2-Butoxyethanol (111-76-2)</b>		
EU	IOELV TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	50 ppm
Austria	MAK (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Austria	MAK (ppm)	20 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	40 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	20 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	50 ppm
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
Bulgaria	OEL TWA (ppm)	98 ppm
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Bulgaria	OEL STEL (ppm)	50 ppm
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	20 ppm

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<b>2-Butoxyethanol (111-76-2)</b>		
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	50 ppm
Cyprus	OEL TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Cyprus	OEL TWA (ppm)	20 ppm
Cyprus	OEL STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Cyprus	OEL STEL (ppm)	50 ppm
France	VLE (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup> (indicative limit)
France	VLE (ppm)	50 ppm (indicative limit)
France	VME (mg/m <sup>3</sup> )	49 mg/m <sup>3</sup> (indicative limit)
France	VME (ppm)	10 ppm (indicative limit)
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	49 mg/m <sup>3</sup> (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	10 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 903 (BGW)	100 mg/l (Medium: urine - Time: end of several shifts - Parameter: Butoxyacetic acid (for long-term exposures) 200 mg/l (Medium: urine - Time: end of several shifts - Parameter: Butoxyacetic acid (after hydrolysis; for long-term exposures)
Gibraltar	OEL TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Gibraltar	OEL TWA (ppm)	20 ppm
Gibraltar	OEL STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Gibraltar	OEL STEL (ppm)	50 ppm
Greece	OEL TWA (mg/m <sup>3</sup> )	120 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	25 ppm
USA ACGIH	ACGIH TWA (ppm)	20 ppm
Italy	OEL TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Italy	OEL TWA (ppm)	20 ppm
Italy	OEL STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Italy	OEL STEL (ppm)	50 ppm
Latvia	OEL TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Latvia	OEL TWA (ppm)	20 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup> (indicative limit value)
Spain	VLA-ED (ppm)	20 ppm (indicative limit value)
Spain	VLA-EC (mg/m <sup>3</sup> )	245 mg/m <sup>3</sup>
Spain	VLA-EC (ppm)	50 ppm
Switzerland	VLE (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Switzerland	VLE (ppm)	20 ppm
Switzerland	VME (mg/m <sup>3</sup> )	49 mg/m <sup>3</sup>
Switzerland	VME (ppm)	10 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	123 mg/m <sup>3</sup>

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<b>2-Butoxyethanol (111-76-2)</b>		
United Kingdom	WEL TWA (ppm)	25 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	50 ppm
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	20 ppm
Estonia	OEL TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	20 ppm
Estonia	OEL STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Estonia	OEL STEL (ppm)	50 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	20 ppm
Finland	HTP-arvo (15 min)	250 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	50 ppm
Hungary	AK-érték	98 mg/m <sup>3</sup>
Hungary	CK-érték	246 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	20 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	50 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	10 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	20 ppm
Luxembourg	OEL TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Luxembourg	OEL TWA (ppm)	20 ppm
Luxembourg	OEL STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Luxembourg	OEL STEL (ppm)	50 ppm
Malta	OEL TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	20 ppm
Malta	OEL STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Malta	OEL STEL (ppm)	50 ppm
Norway	Gjennomsnittsverdier (AN) (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (AN) (ppm)	10 ppm
Norway	Gjennomsnittsverdier (Korttidsverdi) (mg/m <sup>3</sup> )	75 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (Korttidsverdi) (ppm)	20 ppm
Poland	NDS (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Poland	NDSCh (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m <sup>3</sup> )	150 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	30 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	250 mg/m <sup>3</sup> 246 mg/m <sup>3</sup> (regulated under 2-Butoxyethanol)
Romania	OEL STEL (ppm)	50 ppm
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	20 ppm



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<b>2-Butoxyethanol (111-76-2)</b>		
Slovakia	NPHV (Hraničná) (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
Slovenia	OEL TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
Slovenia	OEL TWA (ppm)	20 ppm
Slovenia	OEL STEL (mg/m <sup>3</sup> )	245 mg/m <sup>3</sup>
Slovenia	OEL STEL (ppm)	50 ppm
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	10 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	20 ppm
Portugal	OEL TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL TWA (ppm)	20 ppm (indicative limit value)
Portugal	OEL STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup> (indicative limit value)
Portugal	OEL STEL (ppm)	50 ppm (indicative limit value)
Portugal	OEL chemical category (PT)	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, skin - potential for cutaneous exposure indicative limit value
<b>2,6-Dimethylphenol (576-26-1)</b>		
Latvia	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Romania	OEL TWA (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
Romania	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>

## 8.2. Exposure controls

Appropriate engineering controls

: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

: Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection.



Hand protection

: Wear chemically resistant protective gloves.

Eye protection

: Chemical goggles or safety glasses.

Respiratory protection

: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Other information

: When using, do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: No data available
Odour	: Leather
Odour threshold	: No data available
pH	: No data available
Evaporation rate	: < 1
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: > 100 °C (212,00 °F)
Flash point	: None
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: < 10 mm Hg

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Relative vapour density at 20 °C	: 4,8
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

## 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

### 10.2. Chemical stability

Product is stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers. Metals. May be corrosive to metals.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### Water (7732-18-5)

LD50 oral rat	> 90000 mg/kg
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#### Isopropyl alcohol (67-63-0)

LD50 oral rat	4710 mg/kg
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LD50 dermal rabbit	4059 mg/kg
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LC50 inhalation rat (mg/l)	72600 mg/m <sup>3</sup> (Exposure time: 4 h)
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#### Fatty acids, coco, reaction products with diethylenetriamine and soya fatty acids, ethoxylated, chloromethane-quaternized (68604-75-1)

ATE CLP (oral)	500,00 mg/kg bodyweight
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#### 2-Butoxyethanol (111-76-2)

LD50 oral rat	470 mg/kg
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LD50 dermal rat	220 mg/kg
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LC50 inhalation rat (ppm)	450 ppm/4h
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ATE CLP (vapours)	3,84 mg/l/4h
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#### Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched (127087-87-0)

LD50 oral rat	1310 mg/kg
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#### Phenol, 2,6-bis(1-methylethyl)- (2078-54-8)

LD50 oral rat	500 mg/kg
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#### 2,6-Dimethylphenol (576-26-1)

LD50 oral rat	296 mg/kg
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LD50 dermal rabbit	1 g/kg
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Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

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Carcinogenicity : Not classified

## Isopropyl alcohol (67-63-0)

IARC group 3

## 2-Butoxyethanol (111-76-2)

IARC group 3

National Toxicology Program (NTP) Status Evidence of Carcinogenicity.

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Isopropyl alcohol (67-63-0)

LC50 fishes 1 9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

EC50 Daphnia 1 13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)

EC50 other aquatic organisms 1 1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)

LC50 fish 2 11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

EC50 other aquatic organisms 2 1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)

#### 2-Butoxyethanol (111-76-2)

LC50 fishes 1 1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

EC50 Daphnia 1 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

LC50 fish 2 2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

#### 2,6-Dimethylphenol (576-26-1)

LC50 fishes 1 27 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

EC50 Daphnia 1 11,2 mg/l (Exposure time: 48 h - Species: Daphnia magna)

EC50 Daphnia 2 11,2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

### 12.2. Persistence and degradability

#### White Diamond Quick Detail

Persistence and degradability Not established.

### 12.3. Bioaccumulative potential

#### White Diamond Quick Detail

Bioaccumulative potential Not established.

#### Isopropyl alcohol (67-63-0)

Log Pow 0,05 (at 25 °C)

#### 2-Butoxyethanol (111-76-2)

Log Pow 0,81 (at 25 °C)

#### 2,6-Dimethylphenol (576-26-1)

Log Pow 2,36

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents and container according to local, regional, national, and international regulations.

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## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

No additional information available

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Air transport

No additional information available

### 14.7. 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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Isopropyl alcohol
3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	XIAMETER(R) MEM-0062 EMULSION PS
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Isopropyl alcohol

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes:

Revision date.

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### Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

### Full text of R-, H- and EUH-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R11	Highly flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R22	Harmful if swallowed
R24/25	Toxic in contact with skin and if swallowed
R34	Causes burns
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R41	Risk of serious damage to eyes
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R67	Vapours may cause drowsiness and dizziness
C	Corrosive
F	Highly flammable
N	Dangerous for the environment
T	Toxic
Xi	Irritant
Xn	Harmful

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SDS EU (REACH Annex II) 10pt

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*