

# SAFETY DATA SHEET

Print Date Apr-21-2016 **Revision Date** Apr-21-2016 **Revision Number** 1.1

# Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE **COMPANY/UNDERTAKING**

1.1 Product identifier Product code	22383
Product name	Cyan
Product category	Optimizer Eco Solvent Ink for Roland

**1.2** Relevant identified uses of the substance or mixture and uses advised against Recommended use Printing operations

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

DATAPLOT GmbH Gutenbergstraße 15 D-24558 Henstedt-Ulzburg Germany Tel.: +49 4193-9950 Fax: +49 4193-995220

For further information, please contact Dataplot: +49 4193-9950 Contact person E-mail address info@dataplot.de

1.4 Emergency telephone number

Giftinformationszentrum Mainz, Germany Tel: +49 6131 19240

# Section 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture (EC) N= 1070/000

According to Regulation (EC) NO 1272/2008	
Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity (single exposure)	Category 3 - (H336)

## 2.2 Label elements



Signal Word Danger

#### **Hazard Statements**

H318 - Causes serious eye damage H336 - May cause drowsiness or dizziness

## Precautionary Statements - EU (§28, 1272/2008)

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing

P280 - Wear protective gloves/protective clothing/eye protection/face protection

## 2.3 Other Hazards

General Hazards

No information available

# Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.2 Mixtures

Component	EC No.	CAS-No	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH No.	Note
Diethylene glycol diethyl ether	203-963-7	112-36-7	30 - 60	Eye Irrit. 2 (H319)	No data available	
Butyrolactone	202-509-5	96-48-0	10 - 30	Acute Tox. 4 (H302) Eye Dam. 1 (H318) STOT SE 3 (H336)	No data available	1
Ethylene glycol monobutyl ether acetate	203-933-3	112-07-2	5 - 10	Acute Tox. 4 (H312) Acute Tox. 4 (H332)	No data available	1
Triethylene glycol monobutyl ether	205-592-6	143-22-6	1 - 5	Eye Dam. 1 (H318)	No data available	
Dimethyl Succinate	203-419-9	106-65-0	1 - 5	Not Classified	No data available	1
Dimethyl Glutarate	214-277-2	1119-40-0	1 - 5	Not Classified	No data available	1

Note

1. Substance with a Community workplace exposure limit

#### Full text of H- and EUH-phrases: see section 16

# Section 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

Show this safety data sheet to the doctor in attendance.
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.
Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention.
Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Get medical attention immediately.
Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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

None under normal use conditions.

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

Notes to Physician

Treat symptomatically.

# Section 5: FIRE FIGHTING MEASURES

## 5.1 Extinguishing media

#### Suitable Extinguishing Media

Foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable Extinguishing Media

No information available.

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

Thermal decomposition can lead to release of irritating gases and vapors. May emit toxic fumes under fire conditions.

#### 5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers / tanks with water spray. Sealed containers may rupture when heated.

# Section 6: ACCIDENTAL RELEASE MEASURES

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

Remove all sources of ignition. Ventilate the area. Avoid contact with eyes, skin and clothing. Avoid breathing dust or vapor. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

#### 6.2 Environmental precautions

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways. Local authorities should be advised if significant spillages cannot be contained.

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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Use clean non-sparking tools to collect absorbed material.

#### 6.4 Reference to other sections

See Section 12 for more information.

# Section 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

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

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep container closed when not in use. Keep out of the reach of children.

### 7.3 Specific end use(s)

Exposure Scenario Risk Management Methods (RMM) No information available. The information required is contained in this Safety Data Sheet.

# Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

#### **Exposure limits**

Component	The United Kingdom
Ethylene glycol monobutyl ether acetate	STEL: 50 ppm
112-07-2	STEL: 332 mg/m <sup>3</sup>
	TWA: 20 ppm
	TWA: 133 mg/m <sup>3</sup>
	Skin
Component	France
Ethylene glycol monobutyl ether acetate	TWA/VME: 2 ppm (indicative limit)
112-07-2	TWA/VME: 13.3 mg/m <sup>3</sup> (indicative limit)
	STEL/VLCT: 30 ppm (indicative limit)
	STEL/VLCT: 199.8 mg/m <sup>3</sup> (indicative limit)
	Skin
Component	Germany
Ethylene glycol monobutyl ether acetate	TWA/MAK: 10 ppm

Ethylene glycol monobutyl ether acetate TWA: 20 ppm TWA: 133 mg/m <sup>3</sup> STEL: 305 mg/m <sup>3</sup> STEL: 333 mg/m <sup>3</sup> Stin		
Peak: 132 right         Peak: 132 right           Dimethyl Succinate         TWAACW: 30 ppm           106:65:0         TWAACW: 30 ppm           Dimethyl Glutarite         TWAACW: 30 ppm           1119:40:0         TWAACW: 30 ppm           Component         Spain           Enlysten glycol monobulyl ether acetate         STELVLA-EC: 30 ppm           112:07:2         STELVLA-EC: 33 mg/m <sup>2</sup> Enlysten glycol monobulyl ether acetate         TWAACW: 4D ppm           112:07:2         TWAACW: 4D ppm           TWAAUL-ED: 33 mg/m <sup>2</sup> Stel VLA-EC: 33 mg/m <sup>2</sup> Stel VLA-EC: 33 mg/m <sup>2</sup> Stel VLA-EC: 33 mg/m <sup>2</sup> TWAAUL-ED: 72         TWAAUL-ED: 72 mg/m <sup>2</sup> Stel VLA-EC: 33 mg/m <sup>2</sup> Stel VLA-EC: 72 mg/m <sup>2</sup> TWAAUL-ED: 72         Stel VLA-EC: 72 mg/m <sup>2</sup> Stel VLA-EC: 72         Stel TWAAUL-ED: 72 mg/m <sup>2</sup> TWAAUL-ED: 72         TWAAUL-ED: 72 mg/m <sup>2</sup> Stel TWAAUL-ED: 72 mg/m <sup>2</sup> Stel TWAAUL-ED: 72 mg/m <sup>2</sup> Component         The Netherlands           Enlysten glycol monobulyl ether acetate         TWAAUL-EME: 72 mg/m <sup>2</sup> TWAAUL-ED: 72         Stel TWA: 72 mg/m <sup>2</sup> Stel TWA: 72 mg/m <sup>2</sup> Stel TWA: 72 mg/m <sup>2</sup> Stel TW	112-07-2	
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Component         TWARGW: 13 mg/m³           Dimethyl Succinate         TWARGW: 12 ppm           106-86-0         TWARGW: 12 ppm           Dimethyl Gutarate         TWARGW: 12 ppm           TIMAGO         TWARGW: 12 ppm           Component         Spain           Envjene glycoli monobutyl ether acetate         STELL/12-EC: 80 ppm           TYZAVL-ED: 20 ppm         TWARAC-ED: 20 ppm           TWARD-ED: 20 ppm         TWARD-ED: 20 ppm           TWARD-ED: 20 ppm         Stin           Component         TWARD-ED: 20 ppm           TWARD-ED: 20 ppm         TWARD-ED: 20 ppm           TWARD-ED: 20 ppm         Stin           Component         TWARD-ED: 20 ppm           TWARD-ED: 20 ppm         Stin           Component         TWARD-ED: 20 ppm           TWARD-ED: 20 ppm         Stin           TWARD-ED: 20 ppm         Stin           TWARD-ED: 20 ppm         Stin           Stin         Stin <t< td=""><td></td><td></td></t<>		
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106-65-0     TWAAGW: 8 mg/m²       Component     Spain       Ethylene glycol monobulyl ether acetate     STELVLA-EC: 50 ppm       112-07-2     STELVLA-EC: 50 ppm       TWAAGW: 8 mg/m²     STELVLA-EC: 50 ppm       TWAACW: 8 mg/m²     STELVLA-EC: 50 ppm       TWAAW: 8 mg/m²     Stel       Component     Italy       Ethylene glycol monobulyl ether acetate     TWAX 20 ppn       TWAX 20 ppm     Stel       TWAX 20 ppm     Stel       TWAX 20 ppm     Stel       Component     Portugal       Ethylene glycol monobulyl ether acetate     TWAX 20 ppm       TU2-07-2     TWAX 20 ppm       Stel     Stel       Component     Portugal       Ethylene glycol monobulyl ether acetate     Stel       TU2-07-2     Stel       Component     Finland       Ethylene glycol monobulyl ether acetate     TWAX 20 ppm       TU2-07-2     Stel       Ethylene glycol monobulyl ether acetate     TWAX 20 ppm       TU2-07-2     Stel       Ethylene glycol monobulyl ether acetate     TWAX 20 ppm       TU2-07-2     Stel       Et		
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Ethylene glycol monobulyl ether acetate       TWAVLE-MP: 20 ppm         Component       The Netherlands         Ethylene glycol monobulyl ether acetate       STEL: 333 mg/m³         112-07-2       TWA: 135 mg/m³         Component       Finland         Ethylene glycol monobulyl ether acetate       TWA: 20 ppm         112-07-2       TWA: 20 ppm         Component       TWA: 20 ppm         Ethylene glycol monobulyl ether acetate       TWA: 20 ppm         112-07-2       STEL: 330 mg/m³         Strin       Strin         Component       Denmark         Ethylene glycol monobulyl ether acetate       TWA: 20 ppm         112-07-2       TWA: 30 mg/m³         Skin       Skin         Component       Denmark         Ethylene glycol monobulyl ether acetate       TWA: 20 ppm         112-07-2       TWA: 30 mg/m³         Skin       Strin         Component       Austria         Ethylene glycol monobulyl ether acetate       STEL/KZW: 20 ppm         112-07-2       TWA: 132 mg/m³         TWA/TWW: 20 ppm       TWA/TWW: 20 ppm         TWA/TWW: 20 ppm       TWA/TWW: 20 ppm         TWA/TWY: 133 mg/m³       Skin         Component       Strin	Common and	Bratana I
112-07-2     The Netherlands       Ethylene glycol monobutyl ether acetate     STEL: 333 mg/m³       Ethylene glycol monobutyl ether acetate     TWA: 135 mg/m³       Component     Finland       Ethylene glycol monobutyl ether acetate     TWA: 130 mg/m³       Steir     Steir       Component     TWA: 20 ppm       Ethylene glycol monobutyl ether acetate     TWA: 130 mg/m³       STEL: 50 ppm     STEL: 50 ppm       STEL: 300 mg/m³     Steir       Steir     Steir       Component     Denmark       Ethylene glycol monobutyl ether acetate     TWA: 120 mg/m³       Steir     Steir       Component     Denmark       Ethylene glycol monobutyl ether acetate     TWA: 120 mg/m³       Skin     Steir       Component     Austria       Ethylene glycol monobutyl ether acetate     STEL/KZW: 40 ppm       112-07-2     STEL/KZW: 20 ppm       TWA/TAW: 20 ppm     TWA/TAW: 20 ppm       <		
Ethylene glycol monobutyl ether acetate          Ethylene glycol monobutyl ether acetate       STEL: 333 mg/m³         TVX: 135 mg/m³       Skin         Component       Finland         Ethylene glycol monobutyl ether acetate       TWA: 20 ppm         112-07-2       StEL: 50 ppm         STEL: 50 ppm       STEL: 50 ppm         STEL: 50 ppm       STEL: 50 ppm         STEL: 50 ppm       STEL: 50 ppm         STEL: 20 ppm       StEL: 20 ppm         112-07-2       TWA: 20 ppm         Stel: 20 ppm       Stel: 20 ppm         Stel: 20 ppm       Stel: 20 ppm         Stel: 20 ppm       Stel: 20 ppm         112-07-2       Stel: 20 ppm         Stel: X2: 20 ppm       Stel: X2: 40 ppm         Stel: X2: 20 ppm       Stel: X2: 20 ppm         Stel: X2: 20 pp		TWA/VLE-MP: 20 ppm
Ethylene glycol monobutyl ether acetate          Ethylene glycol monobutyl ether acetate       STEL: 333 mg/m³         TVX: 135 mg/m³       Skin         Component       Finland         Ethylene glycol monobutyl ether acetate       TWA: 20 ppm         112-07-2       StEL: 50 ppm         STEL: 50 ppm       STEL: 50 ppm         STEL: 50 ppm       STEL: 50 ppm         STEL: 50 ppm       STEL: 50 ppm         STEL: 20 ppm       StEL: 20 ppm         112-07-2       TWA: 20 ppm         Stel: 20 ppm       Stel: 20 ppm         Stel: 20 ppm       Stel: 20 ppm         Stel: 20 ppm       Stel: 20 ppm         112-07-2       Stel: 20 ppm         Stel: X2: 20 ppm       Stel: X2: 40 ppm         Stel: X2: 20 ppm       Stel: X2: 20 ppm         Stel: X2: 20 pp		
112-07-2       TWX: 135 mg/m³ Skin         Component       Finland         Ethylene glycol monobutyl ether acetate       TWX: 130 mg/m³ STEL: 50 ppm         112-07-2       STEL: 50 ppm         STEL: 50 ppm       STEL: 50 ppm         STEL: 50 ppm       STEL: 50 ppm         STEL: 50 ppm       Strein 230 mg/m³         String       Strein 230 mg/m³         Component       Denmark         Ethylene glycol monobutyl ether acetate       TWA: 20 ppm         112-07-2       TWA: 30 mg/m³         Stein       Stein         Component       Austria         Ethylene glycol monobutyl ether acetate       STEL/KZW: 40 ppm         112-07-2       STEL/KZW: 20 ppm         TWA/TMW: 20 ppm       TWA/TMW: 20 ppm         TWA/TMW: 20 ppm       TWA/TMW: 20 ppm         TWA/TMW: 20 ppm       Stein         Stein       Stein         Component       Stein         Ethylene glycol monobutyl ether acetate       STEL/KZW: 40 ppm         112-07-2       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 132 mg/m³         Stin       Stin         Component       Stein         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³		
Skin       Component     Finland       Ethylene glycol monobutyl ether acetate     TWA: 20 ppm       112-07-2     STEL: 50 ppm       STEL: 300 mg/m³     STEL: 50 ppm       STEL: 300 mg/m³     STEL: 50 ppm       STEL: 50 ppm     STEL: 50 ppm       STEL: 50 ppm     STEL: 50 ppm       STEL: 300 mg/m³     Stin       Component     Denmark       Ethylene glycol monobutyl ether acetate     TWA: 20 ppm       112-07-2     Stin       Component     Austria       Ethylene glycol monobutyl ether acetate     STEL/K2W: 40 ppm       112-07-2     STEL/K2W: 40 ppm       112-07-2     STEL/K2W: 20 ppm       112-07-2     Stel/KZW: 30 ppm       TWA/TMW: 133 mg/m³     Skin       Component     Switzerland       Ethylene glycol monobutyl ether acetate     STEL/KZW: 20 ppm       112-07-2     STEL/KZW: 20 ppm       T12-07-2     STEL/KZW: 20 ppm       STEL/KZW: 132 mg/m³     TWA/MAK: 66 mg/m³       Stel/KZW: 132 mg/m³     Skin       Component     Poland       Ethylene glycol monobutyl ether acetate     NDSCh: 300 mg/m³       112-07-2     TWA/MAK: 66 mg/m³       Stei/KZW: 20 ppm     Stei/KZW: 20 ppm       Stei/KZW: 20 ppm     Stei/KZW: 20 ppm       S		
Component         Finland           Ethylene glycol monobutyl ether acetate         TWA: 20 ppm           112-07-2         TWA: 130 ng/m³           STEL: 50 ppm         STEL: 50 ppm           STEL: 300 ng/m³         Skin           Component         Denmark           Ethylene glycol monobutyl ether acetate         TWA: 20 ppm           112-07-2         TWA: 20 ppm           Stel:         S0 ppm           Stel:         TWA: 20 ppm           Stel:         S0 ppm           Ethylene glycol monobutyl ether acetate         TWA: 20 ppm           112-07-2         Stel:/KZW: 40 ppm           Ethylene glycol monobutyl ether acetate         STEL/KZW: 20 op/m           112-07-2         STEL/KZW: 20 ppm           Stel         Stel:/KZW: 20 ppm           TWA/TMW: 23 mg/m³         Skin           Component         Switzerland           Ethylene glycol monobutyl ether acetate         STEL/KZW: 20 ppm           112-07-2         STEL/KZW: 20 ppm           Stel:/KZW: 212 mg/m³         TWA/MAK: 10 ppm           TWA/TAK: 66 mg/m³         Skin           Component         Poland           Ethylene glycol monobutyl ether acetate         NDSCh: 300 mg/m³           Skin         Skin<	112-07-2	
Ethylene glycol monobutyl ether acetate 112-07-2 TWA: 20 ppm TWA: 130 mg/m <sup>3</sup> STEL: 50 ppm STEL: 50 ppm STEL: 50 ppm TTL: 50 p		Skin
Ethylene glycol monobutyl ether acetate 112-07-2 TWA: 20 ppm TWA: 130 mg/m <sup>3</sup> STEL: 50 ppm STEL: 50 ppm STEL: 50 ppm TTL: 50 p	Component	Finland
112-07-2       TWA: 130 mg/m³ STEL: 50 ppm STEL: 50 ppm StEL: 30 mg/m³ Stkin         Component       Denmark         Ethylene glycol monobutyl ether acetate       TWA: 20 ppm TWA: 130 mg/m³ Skin         Component       Austria         Ethylene glycol monobutyl ether acetate       STEL/K2W: 40 ppm STEL/K2W: 270 mg/m³ TWA/TMW: 130 mg/m³ Skin         Component       STEL/K2W: 40 ppm STEL/K2W: 270 mg/m³ TWA/TMW: 130 mg/m³ Skin         Component       STEL/K2W: 270 mg/m³ Skin         Ethylene glycol monobutyl ether acetate       STEL/K2W: 270 mg/m³ Skin         Component       Stel/K2W: 20 ppm TWA/TMW: 20 ppm TWA/TMW: 20 ppm Skin         Component       Stel/K2W: 132 mg/m³ Skin         Component       Stel/K2W: 20 ppm Skin         Ethylene glycol monobutyl ether acetate       STEL/K2W: 20 ppm Skin         112-07-2       STEL/KZW: 132 mg/m³ Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³ Skin         112-07-2       YMA/MAK: 66 mg/m³ Skin         Component       Poland         Component       NDSCh: 300 mg/m³ Skin         Component       NDSCh: 300 mg/m³ Skin		
STEL: 50 ppm STEL: 330 mg/m³ Stin       Component       Ethylene glycol monobutyl ether acetate       112-07-2       Component       Component       Ethylene glycol monobutyl ether acetate       112-07-2       STEL/KZW: 40 ppm       112-07-2       STEL/KZW: 270 mg/m³       TWA/TIW: 20 ppm       Strel/KZW: 270 mg/m³       Skin       Component       Ethylene glycol monobutyl ether acetate       112-07-2       Strel/KZW: 230 ppm       TWA/TIW: 133 mg/m³       Skin       Component       Ethylene glycol monobutyl ether acetate       Strel/KZW: 120 ppm       112-07-2       Strel/KZW: 123 mg/m³       Skin       Component       Ethylene glycol monobutyl ether acetate       112-07-2       Stel       Skin       Component       Ethylene glycol monobutyl ether acetate       112-07-2       Stel       Component       Component       Component       Component       Component       Component       Component <td></td> <td></td>		
STEL: 330 mg/m³ Skin       Component     Denmark       Ethylene glycol monobutyl ether acetate     TWA: 20 ppm       112-07-2     TWA: 30 mg/m³ Skin       Component     Austria       Ethylene glycol monobutyl ether acetate     STEL/KZW: 40 ppm       112-07-2     STEL/KZW: 270 mg/m³ TWA/TMW: 20 ppm       112-07-2     STEL/KZW: 270 mg/m³ TWA/TMW: 20 ppm       112-07-2     STEL/KZW: 20 ppm       112-07-2     STEL/KZW: 20 ppm       112-07-2     STEL/KZW: 20 ppm       TWA/TMW: 133 mg/m³ Skin     Stin       Component     Switzerland       Ethylene glycol monobutyl ether acetate     STEL/KZW: 32 mg/m³ TWA/MAK: 10 ppm       112-07-2     STEL/KZW: 32 mg/m³ Skin       Component     Poland       Ethylene glycol monobutyl ether acetate     NDSCh: 300 mg/m³ Skin       Component     Poland       Ethylene glycol monobutyl ether acetate     NDSCh: 300 mg/m³ Skin		
Skin       Component     Denmark       Ethylene glycol monobutyl ether acetate     TWA: 20 ppm       112-07-2     TWA: 30 mg/m³       Skin     Skin       Component     Austria       Ethylene glycol monobutyl ether acetate     STEL/KZW: 40 ppm       112-07-2     STEL/KZW: 270 mg/m³       TWA/TMW: 20 ppm     TWA/TMW: 20 ppm       TWA/TMW: 133 mg/m³     Skin       Component     SteL/KZW: 132 mg/m³       Ethylene glycol monobutyl ether acetate     STEL/KZW: 32 mg/m³       112-07-2     STEL/KZW: 132 mg/m³       Component     STEL/KZW: 132 mg/m³       Ethylene glycol monobutyl ether acetate     STEL/KZW: 32 mg/m³       112-07-2     STEL/KZW: 132 mg/m³       Ethylene glycol monobutyl ether acetate     STEL/KZW: 32 mg/m³       TWA/MAK: 10 ppm     TWA/MAK: 10 ppm       TWA/MAK: 66 mg/m³     Skin       Skin     Skin       Component     Poland       Ethylene glycol monobutyl ether acetate     NDSCh: 300 mg/m³       112-07-2     TWA/NDS: 100 mg/m³       Skin     Skin		STEL: 330 mg/m <sup>3</sup>
Ethylene glycol monobutyl ether acetate       TWA: 20 ppm         112-07-2       TWA: 130 mg/m³         Skin       Skin         Component       Austria         Ethylene glycol monobutyl ether acetate       STEL/KZW: 40 ppm         112-07-2       STEL/KZW: 270 mg/m³         TWA/TIMW: 20 ppm       TWA/TIMW: 133 mg/m³         Skin       Skin         Component         Ethylene glycol monobutyl ether acetate         112-07-2       SteL/KZW: 20 ppm         TWA/TIMW: 133 mg/m³       Skin         Component         Ethylene glycol monobutyl ether acetate         112-07-2       STEL/KZW: 20 ppm         TWA/TIMW: 132 mg/m³       TWA/TIMW: 132 mg/m³         TWA/MAK: 10 ppm       TWA/MAK: 10 ppm         TWA/MAK: 66 mg/m³       Skin         Component         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NDS: 100 mg/m³         Skin       Skin         Component         Component         Component         Component         Component         Component         Norway		
Ethylene glycol monobutyl ether acetate       TWA: 20 ppm         112-07-2       TWA: 130 mg/m³         Skin       Skin         Component       Austria         Ethylene glycol monobutyl ether acetate       STEL/KZW: 40 ppm         112-07-2       STEL/KZW: 270 mg/m³         TWA/TIMW: 20 ppm       TWA/TIMW: 133 mg/m³         Skin       Skin         Component         Ethylene glycol monobutyl ether acetate         112-07-2       SteL/KZW: 20 ppm         TWA/TIMW: 133 mg/m³       Skin         Component         Ethylene glycol monobutyl ether acetate         112-07-2       STEL/KZW: 20 ppm         TWA/TIMW: 132 mg/m³       TWA/TIMW: 132 mg/m³         TWA/MAK: 10 ppm       TWA/MAK: 10 ppm         TWA/MAK: 66 mg/m³       Skin         Component         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NDS: 100 mg/m³         Skin       Skin         Component         Component         Component         Component         Component         Component         Norway		
112-07-2       TWA: 130 mg/m³         Skin       Skin         Component       Austria         Ethylene glycol monobutyl ether acetate       STEL/KZW: 40 ppm         112-07-2       STEL/KZW: 270 mg/m³         TWA/TMW: 20 ppm       TWA/TMW: 20 ppm         TWA/TMW: 133 mg/m³       Skin         Component       Switzerland         Ethylene glycol monobutyl ether acetate       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 20 ppm         TWA/TMW: 132 mg/m³       TWA/MAK: 10 ppm         TWA/MAK: 10 ppm       TWA/MAK: 10 ppm         TWA/MAK: 66 mg/m³       Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NAS: 100 mg/m³         Skin       Skin		
Skin       Skin         Component       Austria         Ethylene glycol monobutyl ether acetate       STEL/KZW: 40 ppm         112-07-2       STEL/KZW: 270 mg/m³         TWA/TMW: 20 ppm       TWA/TMW: 20 ppm         TWA/TMW: 133 mg/m³       Skin         Component       Switzerland         Ethylene glycol monobutyl ether acetate       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 20 ppm         Stel/KZW: 10 ppm       TWA/MAK: 10 ppm         TWA/MAK: 10 ppm       TWA/MAK: 66 mg/m³         Skin       Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NAK: 10 ppm         Component       Poland         Component       NDSCh: 300 mg/m³         Skin       Skin		
Component         Austria           Ethylene glycol monobutyl ether acetate         STEL/KZW: 40 ppm           112-07-2         STEL/KZW: 270 mg/m³           TWA/TMW: 20 ppm         TWA/TMW: 133 mg/m³           Skin         Stel           Component         Switzerland           Ethylene glycol monobutyl ether acetate         STEL/KZW: 20 ppm           112-07-2         STEL/KZW: 20 ppm           TWA/TMW: 133 mg/m³         Skin           Ethylene glycol monobutyl ether acetate         STEL/KZW: 20 ppm           112-07-2         STEL/KZW: 132 mg/m³           TWA/MAK: 10 ppm         TWA/MAK: 66 mg/m³           Skin         Skin           Component         Poland           Ethylene glycol monobutyl ether acetate         NDSCh: 300 mg/m³           112-07-2         Stel           Skin         Skin	112-07-2	
Ethylene glycol monobutyl ether acetate       STEL/KZW: 40 ppm         112-07-2       STEL/KZW: 270 mg/m³         TWA/TMW: 133 mg/m³       Skin         Component       Switzerland         Ethylene glycol monobutyl ether acetate       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 20 ppm         TWA/TMW: 133 mg/m³       Skin         Component       Switzerland         Ethylene glycol monobutyl ether acetate       STEL/KZW: 120 ppm         112-07-2       STEL/KZW: 132 mg/m³         TWA/MAK: 10 ppm       TWA/MAK: 10 ppm         TWA/MAK: 66 mg/m³       Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       Skin         Component       NDSCh: 300 mg/m³         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         Skin       Skin		Skin
Ethylene glycol monobutyl ether acetate       STEL/KZW: 40 ppm         112-07-2       STEL/KZW: 270 mg/m³         TWA/TMW: 133 mg/m³       Skin         Component       Switzerland         Ethylene glycol monobutyl ether acetate       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 20 ppm         TWA/TMW: 133 mg/m³       Skin         Component       Switzerland         Ethylene glycol monobutyl ether acetate       STEL/KZW: 120 ppm         112-07-2       STEL/KZW: 132 mg/m³         TWA/MAK: 10 ppm       TWA/MAK: 10 ppm         TWA/MAK: 66 mg/m³       Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       Skin         Component       NDSCh: 300 mg/m³         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         Skin       Skin	Component	Διιεττία
112-07-2       STEL/KZW: 270 mg/m³         TWA/TMW: 20 ppm       TWA/TMW: 133 mg/m³         Skin       Skin         Component       Switzerland         Ethylene glycol monobutyl ether acetate       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 132 mg/m³         TWA/TMAK: 10 ppm       TWA/MAK: 10 ppm         TWA/MAK: 66 mg/m³       Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NDS: 100 mg/m³         Skin       Skin		
TWA/TMW: 20 ppm         TWA/TMW: 133 mg/m3         Skin         Component         Ethylene glycol monobutyl ether acetate         112-07-2         STEL/KZW: 20 ppm         TWA/TMW: 132 mg/m3         TWA/TMW: 132 mg/m3         TWA/TMW: 20 ppm         STEL/KZW: 20 ppm         STEL/KZW: 132 mg/m3         TWA/MAK: 10 ppm         TWA/MAK: 66 mg/m3         Skin         Component         Poland         Ethylene glycol monobutyl ether acetate         112-07-2         TWA/NDS: 100 mg/m3         Skin         Skin		
TWA/TMW: 133 mg/m³         Skin         Component       Switzerland         Ethylene glycol monobutyl ether acetate       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 132 mg/m³         TWA/MAK: 10 ppm       TWA/MAK: 66 mg/m³         Skin       Skin         Component         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NDS: 100 mg/m³         Skin       Stin		
Skin         Component       Switzerland         Ethylene glycol monobutyl ether acetate       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 132 mg/m³         TWA/MAK: 10 ppm       TWA/MAK: 10 ppm         TWA/MAK: 66 mg/m³       Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NDS: 100 mg/m³         Component       NDSCh: 300 mg/m³         Ethylene glycol monobutyl ether acetate       Skin         112-07-2       Skin		
Ethylene glycol monobutyl ether acetate       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 132 mg/m³         TWA/MAK: 10 ppm       TWA/MAK: 66 mg/m³         Skin       Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NDS: 100 mg/m³         Skin       Skin		
Ethylene glycol monobutyl ether acetate       STEL/KZW: 20 ppm         112-07-2       STEL/KZW: 132 mg/m³         TWA/MAK: 10 ppm       TWA/MAK: 66 mg/m³         Skin       Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NDS: 100 mg/m³         Skin       Skin		
112-07-2       STEL/KZW: 132 mg/m³ TWA/MAK: 10 ppm TWA/MAK: 66 mg/m³ Skin         Component       Poland         Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³ TWA/NDS: 100 mg/m³ Skin         112-07-2       TWA/NDS: 100 mg/m³ Skin         Component       Norway	Component	
TWA/MAK: 10 ppm TWA/MAK: 66 mg/m <sup>3</sup> Skin       Component       Poland       Ethylene glycol monobutyl ether acetate       112-07-2       TWA/NDS: 100 mg/m <sup>3</sup> Skin       Component       Norway		
Component     Poland       Ethylene glycol monobutyl ether acetate     NDSCh: 300 mg/m³       112-07-2     TWA/NDS: 100 mg/m³       Skin     Skin	112-07-2	
Component     Poland       Ethylene glycol monobutyl ether acetate     NDSCh: 300 mg/m³       112-07-2     TWA/NDS: 100 mg/m³       Skin     Skin		
Component     Poland       Ethylene glycol monobutyl ether acetate     NDSCh: 300 mg/m³       112-07-2     TWA/NDS: 100 mg/m³       Skin     Skin		
Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NDS: 100 mg/m³         Skin       Skin		Skin
Ethylene glycol monobutyl ether acetate       NDSCh: 300 mg/m³         112-07-2       TWA/NDS: 100 mg/m³         Skin       Skin	Component	Poland
112-07-2         TWA/NDS: 100 mg/m³           Skin         Skin           Component         Norway		
Component Norway		TWA/NDS: 100 ma/m <sup>3</sup>
	ביוואיבויב פואנטו ווטווטטענאו פנוופו מטפומופ	

112-07-2		TWA: 65 mg/m <sup>3</sup>
		Skin
Component		Ireland
Ethylene glycol monobutyl ether acetate		TWA: 20 ppm
112-07-2		TWA: 133 mg/m <sup>3</sup>
		STEL: 50 ppm
		STEL: 333 mg/m <sup>3</sup>
		Skin
Component		Australia TWA
Ethylene glycol monobutyl ether acetate		TWA: 20 ppm
112-07-2		TWA: 133 mg/m <sup>3</sup>
Component		Australia STEL
Ethylene glycol monobutyl ether acetate		STEL: 50 ppm
112-07-2		STEL: 333 mg/m <sup>3</sup>
Predicted No Effect Concentratio PNEC) 3.2 Exposure controls		
Derived No Effect Level (DNEL) Predicted No Effect Concentratio (PNEC) <u>8.2 Exposure controls</u> Engineering Measures	<ul> <li>No information available.</li> <li>Provide a good standard of gen etc. Controlled ventilation mean advised to consider national Oc</li> </ul>	eral ventilation. Natural ventilation is from doors, windows is air is supplied or removed by a powered fan. Users are cupational Exposure Limits or other equivalent values. In year suitable respiratory equipment.
Predicted No Effect Concentration PNEC) 3.2 Exposure controls Engineering Measures	<ul> <li>No information available.</li> <li>Provide a good standard of gen etc. Controlled ventilation mean advised to consider national Oc case of insufficient ventilation, v</li> </ul>	s air is supplied or removed by a powered fan. Users are
Predicted No Effect Concentratio (PNEC) <u>8.2 Exposure controls</u> Engineering Measures Personal protective equipmer	<ul> <li>No information available.</li> <li>Provide a good standard of gen etc. Controlled ventilation mean advised to consider national Oc case of insufficient ventilation, v</li> </ul>	is air is supplied or removed by a powered fan. Users are cupational Exposure Limits or other equivalent values. In vear suitable respiratory equipment.
Predicted No Effect Concentratio PNEC) 3.2 Exposure controls Engineering Measures	<ul> <li>n No information available.</li> <li>Provide a good standard of gen etc. Controlled ventilation mean advised to consider national Oc case of insufficient ventilation, v</li> <li>t</li> <li>Wear safety glasses with side s</li> </ul>	s air is supplied or removed by a powered fan. Users are cupational Exposure Limits or other equivalent values. In
Predicted No Effect Concentratio PNEC) 3.2 Exposure controls Engineering Measures Personal protective equipmer	<ul> <li>n No information available.</li> <li>Provide a good standard of gen etc. Controlled ventilation mean advised to consider national Oc case of insufficient ventilation, v</li> <li>t</li> <li>Wear safety glasses with side s suitable face shield. Ensure tha workstation location.</li> </ul>	as air is supplied or removed by a powered fan. Users are constructed by a powered fan
Predicted No Effect Concentratio PNEC) 3.2 Exposure controls Engineering Measures Personal protective equipmer Eye/face Protection	<ul> <li>n No information available.</li> <li>Provide a good standard of gen etc. Controlled ventilation mean advised to consider national Oc case of insufficient ventilation, v</li> <li>t</li> <li>Wear safety glasses with side s suitable face shield. Ensure tha workstation location.</li> <li>Wear impervious protective clot</li> </ul>	as air is supplied or removed by a powered fan. Users are accupational Exposure Limits or other equivalent values. In wear suitable respiratory equipment. hields (or goggles). If splashes are likely to occur:. Wear t eyewash stations and safety showers are close to the hing, including boots, gloves, lab coat, apron or coveralls,
Predicted No Effect Concentratio PNEC) 3.2 Exposure controls Engineering Measures Personal protective equipmer Eye/face Protection Skin Protection	<ul> <li>n No information available.</li> <li>Provide a good standard of gen etc. Controlled ventilation mean advised to consider national Oc case of insufficient ventilation, v</li> <li>t</li> <li>Wear safety glasses with side s suitable face shield. Ensure tha workstation location.</li> <li>Wear impervious protective clot as appropriate, to prevent skin of</li> </ul>	as air is supplied or removed by a powered fan. Users are coupational Exposure Limits or other equivalent values. In wear suitable respiratory equipment. hields (or goggles). If splashes are likely to occur:. Wear t eyewash stations and safety showers are close to the hing, including boots, gloves, lab coat, apron or coveralls, contact.
Predicted No Effect Concentratio PNEC) 3.2 Exposure controls Engineering Measures Personal protective equipmer Eye/face Protection	<ul> <li>n No information available.</li> <li>Provide a good standard of genetc. Controlled ventilation mean advised to consider national Occase of insufficient ventilation, v</li> <li>t</li> <li>Wear safety glasses with side s suitable face shield. Ensure tha workstation location.</li> <li>Wear impervious protective clot as appropriate, to prevent skin o If exposure limits are exceeded</li> </ul>	as air is supplied or removed by a powered fan. Users are accupational Exposure Limits or other equivalent values. In wear suitable respiratory equipment. hields (or goggles). If splashes are likely to occur:. Wear t eyewash stations and safety showers are close to the hing, including boots, gloves, lab coat, apron or coveralls, contact. or irritation is experienced, NIOSH/MSHA approved e worn. Respiratory protection must be provided in
Predicted No Effect Concentratio (PNEC) 8.2 Exposure controls Engineering Measures Personal protective equipmer Eye/face Protection Skin Protection Respiratory Protection	<ul> <li>n No information available.</li> <li>Provide a good standard of genetc. Controlled ventilation mean advised to consider national Occase of insufficient ventilation, w</li> <li>t</li> <li>Wear safety glasses with side s suitable face shield. Ensure tha workstation location.</li> <li>Wear impervious protective clot as appropriate, to prevent skin of spiratory protection should be accordance with current local respiratory protection should be accordence with current local respiratory protection should b</li></ul>	as air is supplied or removed by a powered fan. Users are accupational Exposure Limits or other equivalent values. In wear suitable respiratory equipment. hields (or goggles). If splashes are likely to occur:. Wear t eyewash stations and safety showers are close to the hing, including boots, gloves, lab coat, apron or coveralls, contact. or irritation is experienced, NIOSH/MSHA approved e worn. Respiratory protection must be provided in

Environmental exposure controls No information available.

# Section 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Colored
Odor	No information available	Odor Threshold	No information available
Property	Values_	Remarks • Method	
pH		No data available	
Melting point/freezing point		No data available	
Boiling point/Boiling Range	> 149 °C / 300 °F		
Flash Point	82 °C / 180 °F	Closed cup (Minimum)	
Evaporation rate		No data available	
Flammability Limit in Air			
Upper flammability limit		No data available	
Lower flammability limit		No data available	
Vapor Pressure		No data available	
Vapor Density		No data available	
Specific Gravity	1		

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Water Solubility Solubility in other solvents Partition coefficient: n-octanol/water Autoignition Temperature Decomposition temperature Kinematic viscosity Dynamic viscosity Explosive Properties Oxidizing Properties

No data available No data available

9.2 Other information Softening Point

No data available

# Section 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

No information available.

#### 10.2 Chemical Stability

Stable under normal conditions.

#### 10.3 Possibility of Hazardous Reactions

None under normal processing.

## 10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

#### 10.5 Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.

#### 10.6 Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon dioxide (CO2). Carbon monoxide.

# Section 11: TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

#### Acute Toxicity

Inhalation	There is no data for this product.
Eye Contact	There is no data for this product.
Skin Contact	There is no data for this product.
Ingestion	There is no data for this product.
Unknown Acute Toxicity	53.36 % of the mixture consists of ingredient(s) of unknown toxicity.
The following values are calculated	based on chapter 3.1 of the GHS document
ATEmix (oral)	2,407.00 mg/kg
ATEmix (dermal)	8,008.00 mg/kg
ATEmix (inhalation-dust/mist)	9.28 mg/L
ATEmix (inhalation-vapor)	68.00 mg/L

#### Unknown Acute Toxicity

53.36 % of the mixture consists of ingredient(s) of unknown toxicity.
48.86 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
48.86 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
53.36 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
53.36 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).
53.36 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

Component		Oral LD50
Butyrolactone 96-48-0		1540 mg/kg (Rat)
Ethylene glycol monobutyl ether ace 112-07-2	etate	1600 mg/kg (Rat)
Triethylene glycol monobutyl ether 143-22-6		5300 mg/kg (Rat)
Dimethyl Succinate 106-65-0		>5000 mg/kg (Rat)
Dimethyl Glutarate 1119-40-0		8191 mg/kg (Rat)
Component		LD50 Dermal
Ethylene glycol monobutyl ether ace 112-07-2	etate	1480 mg/kg (Rabbit)
Triethylene glycol monobutyl ether 143-22-6		3480 mg/kg (Rabbit)
Dimethyl Succinate 106-65-0		>5000 mg/kg (Rabbit)
Component		Inhalation LC50
Butyrolactone 96-48-0		>2.68 mg/L (Rat)4 h
Dimethyl Glutarate 1119-40-0		>5.6 mg/L (Rat)4 h
Skin corrosion/irritation Eye damage/irritation Sensitisation	There is no data for this product. There is no data for this product. There is no data for this product.	

There is no data for this product.
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There is no data for this product. There is no data for this product. There is no data for this product.

# Section 12: ECOLOGICAL INFORMATION

# 12.1 Toxicity None known

# Unknown Aquatic Toxicity

0.01 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Component	Algae/aquatic plants
Butyrolactone 96-48-0	72h EC50 Desmodesmus subspicatus: 360 mg/L 96h EC50 Desmodesmus subspicatus: 79 mg/L
Ethylene glycol monobutyl ether acetate 112-07-2	72h EC50 Desmodesmus subspicatus: >500 mg/L
Triethylene glycol monobutyl ether 143-22-6	72h EC50 Desmodesmus subspicatus: 500 mg/L
Component	Fish
Butyrolactone 96-48-0	96h LC50 Leuciscus idus: 220 - 460 mg/L [static]
Triethylene glycol monobutyl ether 143-22-6	96h LC50 Leuciscus idus: 2200 - 4600 mg/L [static] 96h LC50 Pimephales promelas: 2400 mg/L 96h LC50 Pimephales promelas: 2400 mg/L [static]
Dimethyl Succinate 106-65-0	96h LC50 Brachydanio rerio: 50 - 100 mg/L [static]
Dimethyl Glutarate 1119-40-0	96h LC50 Pimephales promelas: 19.6 - 26.2 mg/L [static]

Component	Crustacea
Butyrolactone	48h EC50 Daphnia magna Straus: >500 mg/L
96-48-0	
Triethylene glycol monobutyl ether	48h EC50 Daphnia magna: 500 mg/L
143-22-6	
Dimethyl Glutarate	48h EC50 Daphnia magna: 122.1 - 163.5 mg/L
1119-40-0	

# 12.2 Persistence and degradability

No information available.

## 12.3 Bioaccumulative potential

No information available.

Component	Partition coefficient
Butyrolactone	-0.566
96-48-0	
Ethylene glycol monobutyl ether acetate	1.51
112-07-2	
Triethylene glycol monobutyl ether	0.51
143-22-6	
Dimethyl Succinate	0.19
106-65-0	

#### 12.4 Mobility in soil

No information available.

#### 12.5 Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

#### 12.6 Other adverse effects.

No information available.

# Section 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

**Waste from Residues / Unused** Contain and dispose of waste according to local regulations.

## Products

Contaminated Packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## Section 14: TRANSPORT INFORMATION

ADR 14.2 Proper Shipping Name Not Regulated Printing Ink

ICAO / IATA / IMDG / IMO 14.2 Proper Shipping Name Not Regulated Printing Ink

# Section 15: REGULATORY INFORMATION

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

European Union

#### International Inventories

For further information, please contact: Supplier (manufacturer/importer/downstream user/distributor)

#### 15.2 Chemical Safety Assessment

No information available.

# Section 16: OTHER INFORMATION

# Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under sections 2 and 3

H312 - Harmful in contact with skin H332 - Harmful if inhaled

H319 - Causes serious eye irritation

H318 - Causes serious eye damage

H302 - Harmful if swallowed

H336 - May cause drowsiness or dizziness

Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION	
TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value

# Revision Date Apr-21-2016

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

#### End of Safety Data Sheet