

# SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Germany

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

1.1 Product identifier	
Product name	: CXX/W50-AM
Product code	: 6501713
Trade name	: CXX/W50-AM WEISS / WHITE
Index number	:

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

Identified uses			
Colorant; Printing ink related material; Printing ink.			
Uses advised against Reason			
Not applicable.			

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

	••	
Manufacturer/ Dist	ributor :	SUN CHEMICAL NORTON HILL MIDSOMER NORTON BATH SOMERSET BA3 4RT UNITED KINGDOM (44) 1689 894000
		COATES SCREEN INKS GMBH WIEDERHOLDPLATZ 1 D-90451 NURNBERG GERMANY (49) 911 6422 0
e-mail address of responsible for th		regulatory.affairs@sunchemical.com

#### 1.4 Emergency telephone number

<u>Supplier</u>

 Telephone number
 :

 (49) 911 6422 0 (7:30-16:00)
 (49) 911 6422 299 (6:00am -20:00pm)

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Product definition : Mixture

## Classification according to Directive 1999/45/EC [DPD]

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

- : R10
  - Xi; R36

Classification

## **SECTION 2: Hazards identification**

Physical/chemical hazards : Flammable.

Human health hazards

: Irritating to eyes.

See Section 16 for the full text of the R-phrases declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

Hazard symbol or symbols :



- Indication of danger Risk phrases
- R10- Flammable.R36- Irritating to eyes.Not applicable.

: Not applicable.

- Safety phrases Supplemental label elements
- 2.3 Other hazards

Other hazards which do : Not available. not result in classification

- **SECTION 3: Composition/information on ingredients**
- Substance/mixture : Mixture

			Classification		
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
4-hydroxy-4- methylpentan-2-one	REACH #: 01- 2119473975-21 EC: 204-626-7 CAS: 123-42-2 Index: 603-016-00-1	10 - 25	Xi; R36	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H335	[1] [2]
2-butoxyethyl acetate	REACH #: 01- 2119475112-47 EC: 203-933-3 CAS: 112-07-2 Index: 607-038-00-2	10 - 25	Xn; R20/21	Acute Tox. 4, H312 Acute Tox. 4, H332	[1] [2]
2-methoxy-1- methylethyl acetate	REACH #: 01- 2119475791-29 EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	5 - 10	R10	Flam. Liq. 3, H226 Eye Irrit. 2, H319	[2]
cyclohexanone	EC: 203-631-1 CAS: 108-94-1 Index: 606-010-00-7	2.5 - 5	R10 Xn; R20	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 4, H332	[1] [2]
1-methoxy-2-propanol	REACH #: 01- 2119457435-35 EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	1 - 2.5	R10 R67	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]
n-butyl acetate	REACH #: 01- 2119485493-29 EC: 204-658-1 CAS: 123-86-4	1 - 2.5	R10 R66, R67	Flam. Liq. 3, H226 STOT SE 3, H336	[1]
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## **SECTION 3: Composition/information on ingredients**

Index: 607-025-00-1			
	See Section 16 for the full text of the R- phrases declared above.	See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Occupational exposure limits, if available, are listed in Section 8.

## **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.Eye contact: Check for and remove any contact lenses. Immediately flush eyes with room temperature water for at least 15 minutes, keeping eyelids open. In case of accidental eye contact, avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of the eyes.Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	4.1 Description of mist alu n	iicasui cs
Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It	General	anything by mouth to an unconscious person. If unconscious, place in recovery
irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It	Eye contact	temperature water for at least 15 minutes, keeping eyelids open. In case of accidental eye contact, avoid concurrent exposure to the sun or other sources of UV
Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It	Inhalation	irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by
Keep person warm and at rest. Do not induce vomiting.Protection of first-aidersNo action shall be taken involving any personal risk or without suitable training. It	Skin contact	
	Ingestion	
	Protection of first-aiders	

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

There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 2 and 3 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

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

Notes to medical doctor	: In case of inhalation of decomposition products in a fire, symptoms me The exposed person may need to be kept under medical surveillance	
Specific treatments	: No specific treatment.	
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#### SECTION 5: Firefighting measures 5.1 Extinguishing media Suitable extinguishing : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam. media Unsuitable extinguishing : Do not use water jet. media 5.2 Special hazards arising from the substance or mixture Hazards from the : Fire will produce dense black smoke. Exposure to decomposition products may substance or mixture cause a health hazard. Hazardous thermal : Decomposition products may include the following materials: carbon monoxide, decomposition products carbon dioxide, smoke, oxides of nitrogen. 5.3 Advice for firefighters Special protective actions : Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses. for fire-fighters **Special protective** : Appropriate breathing apparatus may be required. equipment for fire-fighters

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

#### 6.1 Personal precautions, protective equipment and emergency procedures For non-emergency : Exclude sources of ignition and ventilate the area. Avoid breathing vapor or mist. Refer to protective measures listed in sections 7 and 8. personnel If specialised clothing is required to deal with the spillage, take note of any For emergency responders : information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures. **6.2 Environmental** : Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local precautions regulations. 6.3 Methods and materials : Contain and collect spillage with non-combustible, absorbent material e.g. sand, for containment and earth, vermiculite or diatomaceous earth and place in container for disposal cleaning up according to local regulations (see section 13). Preferably clean with a detergent. Avoid using solvents.

## **SECTION 7: Handling and storage**

7.1 Precautions for safe handling	<ul> <li>Vapors are heavier than air and may spread along floors. Vapors mixtures with air. Prevent the creation of flammable or explosive vapors in air and avoid vapor concentrations higher than the occ limits.</li> <li>In addition, the product should only be used in areas from which other sources of ignition have been excluded. Electrical equipmer protected to the appropriate standard.</li> <li>To dissipate static electricity during transfer, ground drum and co container with bonding strap. Operators should wear antistatic for and floors should be of the conducting type.</li> <li>Keep container tightly closed. Keep away from heat, sparks and tools should be used.</li> </ul>	concentrations of upational exposure all naked lights and ent should be onnect to receiving otwear and clothing
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## SECTION 7: Handling and storage

	Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Put on appropriate personal protective equipment (see Section 8). Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws.
7.2 Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 5 - 35 °C Store in accordance with local regulations.
incompatibilities	Notes on joint storage Keep away from: oxidizing agents, strong alkalis, strong acids. Additional information on storage conditions Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
7.3 Specific end use(s)	
Recommendations	Not available.
Industrial sector specific solutions	Not available.

## **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

## **Occupational exposure limits**

Product/ingredient name	Exposure limit values
4-hydroxy-4-methylpentan-2-one	<b>TRGS900 AGW (Germany, 3/2011). Absorbed through skin.</b> PEAK: 192 mg/m <sup>3</sup> 15 minute(s). PEAK: 40 ppm 15 minute(s). TWA: 96 mg/m <sup>3</sup> 8 hour(s). TWA: 20 ppm 8 hour(s).
2-butoxyethyl acetate	<b>TRGS900 AGW (Germany, 3/2011). Absorbed through skin.</b> PEAK: 520 mg/m <sup>3</sup> 15 minute(s). PEAK: 80 ppm 15 minute(s). TWA: 130 mg/m <sup>3</sup> 8 hour(s). TWA: 20 ppm 8 hour(s).
2-methoxy-1-methylethyl acetate	TRGS900 AGW (Germany, 3/2011). PEAK: 270 mg/m <sup>3</sup> 15 minute(s). PEAK: 50 ppm 15 minute(s). TWA: 270 mg/m <sup>3</sup> 8 hour(s). TWA: 50 ppm 8 hour(s).
cyclohexanone	TRGS900 AGW (Germany, 3/2011). Absorbed through skin. PEAK: 80 mg/m <sup>3</sup> 15 minute(s). PEAK: 20 ppm 15 minute(s). TWA: 80 mg/m <sup>3</sup> 8 hour(s). TWA: 20 ppm 8 hour(s).
1-methoxy-2-propanol	<b>TRGS900 AGW (Germany, 3/2011).</b> PEAK: 740 mg/m <sup>3</sup> 15 minute(s). PEAK: 200 ppm 15 minute(s). TWA: 370 mg/m <sup>3</sup> 8 hour(s). TWA: 100 ppm 8 hour(s).

## SECTION 8: Exposure controls/personal protection

	-	
Recommended monitoring procedures	:	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.
8.2 Exposure controls		
Appropriate engineering controls	:	Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn.
Individual protection measu	ire	<u>8</u>
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Use safety eyewear designed to protect against splash of liquids.
Skin protection		
Hand protection	:	Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.
Gloves	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personnel should wear antistatic clothing made of natural fibers or of high- temperature-resistant synthetic fibers.
Respiratory protection	:	If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.
Environmental exposure controls	:	Do not allow to enter drains or watercourses.

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

## 9.1 Information on basic physical and chemical properties

Date of issue	: 8 March, 2013 Page: 6/12
Vapor density	: Not tested
Vapor pressure	: Not tested
Upper/lower flammability or explosive limits	: Not tested
Evaporation rate	: Highest known value: 1 (n-butyl acetate) Weighted average: 0.16compared with butyl acetate
Boiling point	: Lowest known value: 146°C (295°F)
Lower explosion limit	: Lower: 0.9% Upper: 13.1%
рН	: Not tested
VOC	: 49%
Flash point	: 27°C
Melting point/freezing point	: Not applicable.
Odor threshold	: Not applicable.
Odor	: Characteristic.
Color	: White.
Physical state	: Liquid.
Dhunding Lateta	

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

Relative density	: Not tested
Solubility(ies)	: Not tested
Partition coefficient: n- octanol/water	: Not applicable.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not applicable.
Viscosity	: Not tested
Explosive properties	: Not applicable.
Oxidizing properties	: Not applicable.

#### 9.2 Other information

No additional information.

## **SECTION 10: Stability and reactivity**

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: Stable under recommended storage and handling conditions (see section 7).
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products.
10.5 Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 2 and 3 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

#### 11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure

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## **SECTION 11: Toxicological information**

	•			
4-hydroxy-4-methylpentan-2-	LD50 Dermal	Rabbit	13500 mg/kg	-
one				
	LD50 Oral	Rat	2520 mg/kg	-
2-butoxyethyl acetate	LD50 Dermal	Rabbit	1500 mg/kg	-
	LD50 Oral	Rat	2400 mg/kg	-
2-methoxy-1-methylethyl	LD50 Dermal	Rabbit	>5 g/kg	-
acetate				
	LD50 Oral	Rat	8532 mg/kg	-
cyclohexanone	LC50 Inhalation Gas.	Rat	8000 ppm	4 hours
	LD50 Oral	Rat	1800 mg/kg	-
1-methoxy-2-propanol	LD50 Oral	Rat	6600 mg/kg	-
n-butyl acetate	LD50 Dermal	Rabbit	>17600 mg/kg	-
-	LD50 Oral	Rat	10768 mg/kg	-

#### Irritation/Corrosion

Not determined - Classification according to Directive 1999/45/EC [DPD]

#### **Sensitization**

Not determined - Classification according to Directive 1999/45/EC [DPD]

#### **Mutagenicity**

Not applicable.

**Carcinogenicity** 

Not applicable.

#### **Reproductive toxicity**

Not determined - Classification according to Directive 1999/45/EC [DPD]

#### Teratogenicity

Not applicable.

## **SECTION 12: Ecological information**

There are no data available on the preparation itself. Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

#### 12.1 Toxicity

4-hydroxy-4-methylpentan-2- one	Acute LC50 420000 ug/L Marine water	Fish - Menidia beryllina - 40 to 100 mm	96 hours
cyclohexanone	Acute LC50 527000 to 578000 ug/L Fresh water	Fish - Pimephales promelas - 30 days - 20.2 mm - 0.127 g	96 hours
n-butyl acetate	Acute LC50 32000 ug/L Marine water	Crustaceans - Artemia salina - Nauplii	48 hours
	Acute LC50 18000 to 19000 ug/L Fresh water	Fish - Pimephales promelas - 31 to 32 days - 21.6 mm - 0.175 g	96 hours

#### 12.2 Persistence and degradability

Not available.

#### 12.3 Bioaccumulative potential

Product/ingredient name	ne LogP <sub>ow</sub>	BCF	Potential
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## **SECTION 12: Ecological information**

	0			
_	4-hydroxy-4-methylpentan-2-	-0.14 to 1.03	-	low
	one			
	2-butoxyethyl acetate	1.51	-	low
	2-methoxy-1-methylethyl	0.56	-	low
	acetate			
	cyclohexanone	0.81	-	low
	n-butyl acetate	1.78	-	low
	-			

12.4 Mobility in soil Soil/water partition coefficient (K <sub>oc</sub> )	: Not available.
Mobility	: Not available.
12.5 Results of PBT and vF	PvB assessment
PBT	: Not applicable.
vPvB	: Not applicable.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## **SECTION 13: Disposal considerations**

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

## 13.1 Waste treatment methods

<u>Product</u>		
Methods of disposal	:	The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Packaging		
Methods of disposal	:	The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
European Waste Catalogue (EWC):	:	08 03 12
Special precautions	:	This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transport information**

	ADR/RID	ADN/ADNR	IMDG	ΙΑΤΑ
I4.1 UN number	UN1210	UN1210	UN1210	UN1210
4.2 UN proper hipping name	PRINTING INK	PRINTING INK	PRINTING INK	PRINTING INK
14.3 Transport hazard class(es)	3	3	3	3
4.4 Packing Jroup	111	111	111	111
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	Special provisions 640 (E)	-	-	-
	Tunnel code (D/E)			
4.6 Special	Transport within use	r's premises: always t	ransport in closed conta	ainers that are uprigh

precautions for user

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk: Not available.according to Annex II ofMARPOL 73/78 and the IBCCode

## SECTION 15: Regulatory information

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

### Annex XIV - List of substances subject to authorization

Date of issue	: 8 March, 2013 Page: 1
Hazard class for water	: 1 Appendix No. 4
Hazardous incident ordinance	: Applicable. Category: 6 Flammable.
Industrial use	: The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.
National regulations	
Other EU regulations	
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.

## SECTION 15: Regulatory information

15.2	Chemical	Safety
Asse	essment	

: This product contains substances for which Chemical Safety Assessments are still to be received.

## **SECTION 16: Other information**

CEPE code	: 1
Indicates information that	has changed from previously issued version.
Abbreviations and acronyms	<ul> <li>ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number</li> </ul>
Full text of abbreviated H statements	<ul> <li>H226 Flammable liquid and vapor.</li> <li>H302 Harmful if swallowed.</li> <li>H312 Harmful in contact with skin.</li> <li>H319 Causes serious eye irritation.</li> <li>H332 Harmful if inhaled.</li> <li>H335 May cause respiratory irritation.</li> <li>H336 May cause drowsiness and dizziness.</li> </ul>
Full text of classifications [CLP/GHS]	<ul> <li>Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H312 Acute Tox. 4, H322 Eye Irrit. 2, H319 Flam. Liq. 3, H226 STOT SE 3, H335</li> <li>STOT SE 3, H336</li> <li>ACUTE TOXICITY: ORAL - Category 4 ACUTE TOXICITY: SKIN - Category 4 ACUTE TOXICITY: INHALATION - Category 4 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 FLAMMABLE LIQUIDS - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Respiratory tract irritation] - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3</li> </ul>
Full text of abbreviated R phrases	: R10- Flammable. R20- Harmful by inhalation. R20/21- Harmful by inhalation and in contact with skin. R36- Irritating to eyes. R66- Repeated exposure may cause skin dryness or cracking. R67- Vapors may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: Xn - Harmful Xi - Irritant
Date of printing	: 4/15/2013.
Date of issue/ Date of revision	: 3/8/2013.
Date of previous issue	: No previous validation.
Version	: 0.01
Notion to reader	

### Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

## Annex