

SAFETY DATA SHEET

Ball Paint Marker®

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

1.1 Product identifier

Product name	: Ball Paint Marker®
Product code	: White – 84620, Yellow – 84621, Red – 84622, Black – 84623, Orange – 84624, Blue – 84625, Green – 84626
Product description	: FOR INDUSTRIAL USE ONLY

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

Identified uses	: Liquid Paint Marker for Hard Surfaces.
Uses advised against	: None known.

1.3 Manufacturer/ Supplier

LA-CO Industries, Inc. 1201 Pratt Boulevard Elk Grove Village, IL. 60007-5746	LA-CO Industries Europe S.A.S. Parc Industriel de la Plaine de l'Ain - Allée des Combes. 01150.BLYES.France. Tel: +33 (0)4 74 46 23 23 Fax: +33 (0)4 74 46 23 29 Email: info@eu.laco.com Web: www.markal.com
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e-mail address of person responsible for this SDS : info@eu.laco.com

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : +33 (0)1 45 42 59 59.
Association/Organisation: INRS / ORFILA <http://www.centres-antipoison.net>.

Supplier

Telephone number : +33 (0)4 74 46 23 23
Hours of operation : 9h00-17h00 (GMT)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

This SDS reflects the health, physical and environmental hazards of the liquid paint contained within the pen/marker. Because of the nature of the finished product i.e. the fact that the paint is held internally within the pen/marker inside a closed (sealed) container, and given that the liquid is present in a small quantity and is released in very small amounts during normal use, the user of the product and/or the reader of this SDS should consider the potential exposure to the paint to be minimal and controlled during the normal use of the product. Refer to relevant sections of the SDS (7 and 13) for additional information on handling and disposal considerations.

To avoid any potential hazard and to minimize the risk of exposure, it is important that the user of the product does NOT open, heat, burn or expose it to a source of intense heat, as this could release the paint.

An Extended-SDS (E-SDS) for this product, that will cover the minimal existing 'risk of exposure' to the chemicals found in this product is under development and will be provided to all users upon availability.

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

Flam. Liq. 3, H226
Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT SE 3, H336

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

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

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SECTION 2: Hazards identification

Classification	: R10 R67
Physical/chemical hazards	: Flammable.
Human health hazards	: Vapours may cause drowsiness and dizziness.

Norway

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

Classification	: R10 R67
Physical/chemical hazards	: Flammable.
Human health hazards	: Vapours may cause drowsiness and dizziness.

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

See Section 16 for the full text of the R phrases or H statements declared above.

2.2 Label elements

Hazard pictograms	:	 
Signal word	:	Danger
Hazard statements	:	Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary statements

Prevention	:	P280 - Wear protective gloves. Wear eye or face protection. P210 - Keep away from heat, sparks, open flames and hot surfaces. - No smoking. P241 - Use explosion-proof electrical, ventilating, lighting and all material-handling equipment.
Response	:	P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
Storage	:	Store in a well-ventilated place. Keep cool.
Disposal	:	Not applicable.
Risk phrases	:	R10- Flammable. R67- Vapours may cause drowsiness and dizziness.
Safety phrases	:	Not applicable.
Hazardous ingredients	:	1-Methoxy-2-propanol
Hazardous ingredients Denmark	:	1-Methoxy-2-propanol
Hazardous ingredients Norway	:	1-Methoxy-2-propanol
Supplemental label elements	:	Not applicable.

Special packaging requirements

Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.

2.3 Other hazards

Other hazards which do not result in classification	:	Not available.
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SECTION 3: Composition/information on ingredients

Substance/mixture : Mixture

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Belgium					
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
			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.	
Bulgaria					
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
			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.	
Finland					
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
			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.	
France					
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
			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.	
Germany					

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1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
Italy					
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
Netherlands					
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
Norway					
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
Spain					
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]

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2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
Sweden			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.	
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
United Kingdom (UK)			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.	
1-Methoxy-2-propanol	EC: 203-539-1 CAS: 107-98-2 Index: 603-064-00-3	50-75	R10 R67	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
Ethyl Alcohol	EC: 200-578-6 CAS: 64-17-5 Index: 603-002-00-5	10-15	F; R11	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[2]
Propan-2-ol	EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	1-5	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2]
2-Methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	1-5	R10	Flam. Liq. 3, H226	[2]
			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 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

SECTION 4: First aid measures

4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.
- Skin contact** : In case of contact, immediately flush skin with plenty of water for at least 20 minutes. Get medical attention if symptoms occur.
- Inhalation** : Move exposed person to fresh air. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

4.2 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media : Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

5.3 Advice for firefighters

Special precautions for fire-fighters : Not applicable.

Special protective equipment for fire-fighters : Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

6.2 Environmental precautions : Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Large spill : Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations.

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SECTION 7: Handling and storage

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Belgium	
1-Methoxy-2-propanol	Lijst Grenswaarden / Valeurs Limites (Belgium, 6/2009). Absorbed through skin. STEL: 568 mg/m ³ 15 minute(s). STEL: 150 ppm 15 minute(s). TWA: 375 mg/m ³ 8 hour(s). TWA: 100 ppm 8 hour(s).
Ethyl Alcohol	Lijst Grenswaarden / Valeurs Limites (Belgium, 6/2009). TWA: 1907 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s).
Propan-2-ol	Lijst Grenswaarden / Valeurs Limites (Belgium, 6/2009). STEL: 1000 mg/m ³ 15 minute(s). STEL: 400 ppm 15 minute(s). TWA: 500 mg/m ³ 8 hour(s). TWA: 200 ppm 8 hour(s).
2-Methoxy-1-methylethyl acetate	Lijst Grenswaarden / Valeurs Limites (Belgium, 6/2009). Absorbed through skin. STEL: 550 mg/m ³ 15 minute(s). STEL: 100 ppm 15 minute(s). TWA: 275 mg/m ³ 8 hour(s). TWA: 50 ppm 8 hour(s).
Bulgaria	
1-Methoxy-2-propanol	РБ МТСП и МЗ Наредба №13/2003 (Bulgaria, 8/2007). Absorbed through skin. Limit value 15 min: 568 mg/m ³ 15 minute(s). Limit value 8 hours: 375 mg/m ³ 8 hour(s).
Ethyl Alcohol	РБ МТСП и МЗ Наредба №13/2003 (Bulgaria, 8/2007). Limit value 8 hours: 1000 mg/m ³ 8 hour(s).
Propan-2-ol	РБ МТСП и МЗ Наредба №13/2003 (Bulgaria, 8/2007). Limit value 15 min: 1225 mg/m ³ 15 minute(s). Limit value 8 hours: 980 mg/m ³ 8 hour(s).
2-Methoxy-1-methylethyl acetate	РБ МТСП и МЗ Наредба №13/2003 (Bulgaria, 8/2007). Absorbed through skin. Limit value 15 min: 550 mg/m ³ 15 minute(s). Limit value 8 hours: 275 mg/m ³ 8 hour(s).
Finland	
1-Methoxy-2-propanol	Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland, 7/2009). STEL: 560 mg/m ³ 15 minute(s). STEL: 150 ppm 15 minute(s). TWA: 370 mg/m ³ 8 hour(s). TWA: 100 ppm 8 hour(s).
Ethyl Alcohol	Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland, 7/2009). STEL: 2500 mg/m ³ 15 minute(s). STEL: 1300 ppm 15 minute(s). TWA: 1900 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s).
Propan-2-ol	Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland, 7/2009). STEL: 620 mg/m ³ 15 minute(s). STEL: 250 ppm 15 minute(s). TWA: 500 mg/m ³ 8 hour(s). TWA: 200 ppm 8 hour(s).
2-Methoxy-1-methylethyl acetate	Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland, 7/2009). Absorbed through skin. STEL: 550 mg/m ³ 15 minute(s). STEL: 100 ppm 15 minute(s). TWA: 270 mg/m ³ 8 hour(s). TWA: 50 ppm 8 hour(s).
France	

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SECTION 8: Exposure controls/personal protection

1-Methoxy-2-propanol	INRS (France, 12/2007). Absorbed through skin. STEL: 375 mg/m³ 15 minute(s). STEL: 100 ppm 15 minute(s). TWA: 188 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).
Ethyl Alcohol	INRS (France, 12/2007). STEL: 9500 mg/m³ 15 minute(s). STEL: 5000 ppm 15 minute(s). TWA: 1900 mg/m³ 8 hour(s). TWA: 1000 ppm 8 hour(s).
Propan-2-ol	INRS (France, 12/2007). STEL: 980 mg/m³ 15 minute(s). STEL: 400 ppm 15 minute(s).
2-Methoxy-1-methylethyl acetate	INRS (France, 12/2007). Absorbed through skin. STEL: 550 mg/m³ 15 minute(s). STEL: 100 ppm 15 minute(s). TWA: 275 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).
Germany	
1-Methoxy-2-propanol	TRGS900 AGW (Germany, 2/2010). PEAK: 740 mg/m³ 15 minute(s). PEAK: 200 ppm 15 minute(s). TWA: 370 mg/m³ 8 hour(s). TWA: 100 ppm 8 hour(s).
Ethyl Alcohol	TRGS900 AGW (Germany, 2/2010). PEAK: 1920 mg/m³ 15 minute(s). PEAK: 1000 ppm 15 minute(s). TWA: 960 mg/m³ 8 hour(s). TWA: 500 ppm 8 hour(s).
Propan-2-ol	TRGS900 AGW (Germany, 2/2010). PEAK: 1000 mg/m³ 15 minute(s). PEAK: 400 ppm 15 minute(s). TWA: 500 mg/m³ 8 hour(s). TWA: 200 ppm 8 hour(s).
2-Methoxy-1-methylethyl acetate	TRGS900 AGW (Germany, 2/2010). PEAK: 270 mg/m³ 15 minute(s). PEAK: 50 ppm 15 minute(s). TWA: 270 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).
Italy	
1-Methoxy-2-propanol	Ministero della Salute (Italy, 4/2008). Absorbed through skin. STEL: 568 mg/m³ 15 minute(s). STEL: 150 ppm 15 minute(s). TWA: 375 mg/m³ 8 hour(s). TWA: 100 ppm 8 hour(s).
Ethyl Alcohol	ACGIH TLV (United States, 2/2010). STEL: 1000 ppm 15 minute(s).
Propan-2-ol	ACGIH TLV (United States, 2/2010). STEL: 400 ppm 15 minute(s). TWA: 200 ppm 8 hour(s).
2-Methoxy-1-methylethyl acetate	Ministero della Salute (Italy, 4/2008). Absorbed through skin. STEL: 550 mg/m³ 15 minute(s). STEL: 100 ppm 15 minute(s). TWA: 275 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).
Netherlands	
1-Methoxy-2-propanol	MinSZW Wettelijke Grenswaarden (Netherlands, 4/2008). Absorbed through skin. OEL, 8-h TWA: 375 mg/m³ 8 hour(s). STEL, 15-min ref: 563 mg/m³ 15 minute(s).
Ethyl Alcohol	MinSZW Wettelijke Grenswaarden (Netherlands, 4/2008). Absorbed through skin. OEL, 8-h TWA: 260 mg/m³ 8 hour(s). STEL, 15-min ref: 1900 mg/m³ 15 minute(s).
2-Methoxy-1-methylethyl acetate	MinSZW Wettelijke Grenswaarden (Netherlands, 4/2008). OEL, 8-h TWA: 550 mg/m³ 8 hour(s).
Norway	

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SECTION 8: Exposure controls/personal protection

1-Methoxy-2-propanol	Arbeidstilsynet (Norway, 3/2009). Absorbed through skin. TWA: 180 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).
Ethyl Alcohol	Arbeidstilsynet (Norway, 3/2009). TWA: 950 mg/m³ 8 hour(s). TWA: 500 ppm 8 hour(s).
Propan-2-ol	Arbeidstilsynet (Norway, 3/2009). TWA: 245 mg/m³ 8 hour(s). TWA: 100 ppm 8 hour(s).
2-Methoxy-1-methylethyl acetate	Arbeidstilsynet (Norway, 3/2009). Absorbed through skin. TWA: 270 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).
Spain	
1-Methoxy-2-propanol	INSHT (Spain, 3/2010). Absorbed through skin. STEL: 568 mg/m³ 15 minute(s). STEL: 150 ppm 15 minute(s). TWA: 375 mg/m³ 8 hour(s). TWA: 100 ppm 8 hour(s).
Ethyl Alcohol	INSHT (Spain, 3/2010). TWA: 1910 mg/m³ 8 hour(s). TWA: 1000 ppm 8 hour(s).
Propan-2-ol	INSHT (Spain, 3/2010). STEL: 1250 mg/m³ 15 minute(s). STEL: 500 ppm 15 minute(s). TWA: 998 mg/m³ 8 hour(s). TWA: 400 ppm 8 hour(s).
2-Methoxy-1-methylethyl acetate	INSHT (Spain, 3/2010). Absorbed through skin. STEL: 550 mg/m³ 15 minute(s). STEL: 100 ppm 15 minute(s). TWA: 275 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).
Sweden	
1-Methoxy-2-propanol	AFS 2005:17 (Sweden, 6/2007). Absorbed through skin. STEL: 300 mg/m³ 15 minute(s). STEL: 75 ppm 15 minute(s). TWA: 190 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).
Ethyl Alcohol	AFS 2005:17 (Sweden, 6/2007). STEL: 1900 mg/m³ 15 minute(s). STEL: 1000 ppm 15 minute(s). TWA: 1000 mg/m³ 8 hour(s). TWA: 500 ppm 8 hour(s).
Propan-2-ol	AFS 2005:17 (Sweden, 6/2007). STEL: 600 mg/m³ 15 minute(s). STEL: 250 ppm 15 minute(s). TWA: 350 mg/m³ 8 hour(s). TWA: 150 ppm 8 hour(s).
2-Methoxy-1-methylethyl acetate	AFS 2005:17 (Sweden, 6/2007). Absorbed through skin. STEL: 350 mg/m³ 15 minute(s). STEL: 75 ppm 15 minute(s). TWA: 250 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).
United Kingdom (UK)	
1-Methoxy-2-propanol	EH40/2005 WELs (United Kingdom (UK), 8/2007). Absorbed through skin. STEL: 560 mg/m³ 15 minute(s). STEL: 150 ppm 15 minute(s). TWA: 375 mg/m³ 8 hour(s). TWA: 100 ppm 8 hour(s).
Ethyl Alcohol	EH40/2005 WELs (United Kingdom (UK), 8/2007). TWA: 1920 mg/m³ 8 hour(s). TWA: 1000 ppm 8 hour(s).
Propan-2-ol	EH40/2005 WELs (United Kingdom (UK), 8/2007). STEL: 1250 mg/m³ 15 minute(s). STEL: 500 ppm 15 minute(s). TWA: 999 mg/m³ 8 hour(s). TWA: 400 ppm 8 hour(s).
2-Methoxy-1-methylethyl acetate	EH40/2005 WELs (United Kingdom (UK), 8/2007). Absorbed through skin. STEL: 548 mg/m³ 15 minute(s). STEL: 100 ppm 15 minute(s). TWA: 274 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s).

Recommended monitoring procedures : 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.

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SECTION 8: Exposure controls/personal protection**8.2 Exposure controls**

Appropriate engineering controls : No special ventilation requirements.

Individual protection measures

Hygiene measures : Ensure that eyewash stations and safety showers are close to the workstation location. 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.

Eye/face protection : Not required for normal use of the pen/marker.
Safety eyewear should be used when there is a likelihood of exposure.
Recommended: Safety glasses with side shields.

Skin protection

Hand protection : Not required for normal use of the pen/marker.
Use gloves appropriate for work or task being performed.
Recommended: Natural rubber (latex).

Body protection : Not required for normal use of the pen/marker.
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Recommended: Lab coat.

Other skin protection : None required.

Respiratory protection : Not required for normal use of the pen/marker.
Wear an appropriate NIOSH approved respirator if concentration levels exceed the safe exposure limits.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance**

Physical state : Liquid. [in cylindrical marker]

Colour : Various

Odour : Mild odor of organic solvent.

Odour threshold : Not available.

pH : Not applicable.

Melting point/freezing point : -96.85°C (1-Methoxy-2-propanol)

Initial boiling point and boiling range : 119.85°C (1-Methoxy-2-propanol)

Flash point : Closed cup: 31°C [Setaflash.]

Evaporation rate : <1 (butyl acetate = 1)

Flammability : Not available.

Burning time : Not applicable.

Burning rate : Not applicable.

Upper/lower flammability or explosive limits : Lower: 1.6%
Upper: 13.8% (1-Methoxy-2-propanol)

Vapour pressure : Not applicable.

Vapour density : 3.11 [Air = 1] (1-Methoxy-2-propanol)

Relative density : 1 to 1.13

Specific gravity : Not applicable.

Solubility(ies) : Insoluble in water.

Partition coefficient: n-octanol/water : 0.7

Auto-ignition temperature : Not applicable.

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SECTION 9: Physical and chemical properties

Decomposition temperature	: Not applicable.
Viscosity	: Not applicable.
Explosive properties	: Not applicable.
Oxidising 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	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: Avoid all possible sources of ignition (spark or flame).
10.5 Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
1-Methoxy-2-propanol	LD50 Dermal	Rabbit	13 g/kg	-
	LD50 Oral	Rat	6600 mg/kg	-
Ethyl Alcohol	LC50 Inhalation Vapour	Rat	124700 mg/m3	4 hours
	LD50 Oral	Rat	7 g/kg	-
Propan-2-ol	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
2-Methoxy-1-methylethyl acetate	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	8532 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
1-Methoxy-2-propanol	Eyes - Mild irritant	Rabbit	-	-	-
	Skin - Mild irritant	Rabbit	-	-	-
Ethyl Alcohol	Eyes - Mild irritant	Rabbit	-	-	-
	Eyes - Moderate irritant	Rabbit	-	-	-
	Eyes - Severe irritant	Rabbit	-	-	-
	Skin - Mild irritant	Rabbit	-	-	-
	Skin - Moderate irritant	Rabbit	-	-	-
Propan-2-ol	Eyes - Moderate irritant	Rabbit	-	-	-
	Eyes - Severe irritant	Rabbit	-	-	-
	Skin - Mild irritant	Rabbit	-	-	-

Information on the likely routes of exposure : Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Inhalation	: Vapours may cause drowsiness and dizziness.
Ingestion	: No known significant effects or critical hazards.
Skin contact	: May cause skin irritation.
Eye contact	: May cause eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

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SECTION 11: Toxicological information

- Inhalation** : Adverse symptoms may include the following:
nausea or vomiting
headache
drowsiness/fatigue
dizziness/vertigo
- Ingestion** : No specific data.
- Skin contact** : No specific data.
- Eye contact** : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure**Short term exposure**

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.
- Other information** : Not available.

SECTION 12: Ecological information**12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
Ethyl Alcohol	Acute EC50 2000 ug/L Fresh water Acute LC50 25500 ug/L Marine water	Daphnia - Daphnia magna Crustaceans - Artemia franchiscana - LARVAE	48 hours 48 hours
Propan-2-ol	Acute LC50 42000 ug/L Fresh water Chronic NOEC <6.3 g/L Fresh water Acute LC50 1400000 to 1950000 ug/L Marine water Acute LC50 >1400000 ug/L	Fish - Oncorhynchus mykiss Daphnia - Daphnia magna Crustaceans - Crangon crangon Fish - Gambusia affinis - 20 to 30 mm	4 days 48 hours 48 hours 96 hours

Remarks : Not available.

12.2 Persistence and degradability

Remarks : Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Ball Paint Marker®	0.7	-	low

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

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SECTION 12: Ecological information

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

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methodsProduct

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. This material and its container must be disposed of in a safe way. 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.

Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3 	3 	3 	3 
14.4 Packing group	III	III	III	III
14.5 Environmental hazards	No.	No.	No.	No.
14.6 Special precautions for user	Not available.	Not available.	Not available.	Not available.
Additional information	Tunnel code (D/E)	-	-	-

PG* : Packing group

Exemption to the above classification may apply.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**EU Regulation (EC) No. 1907/2006 (REACH)Annex XIV - List of substances subject to authorisationSubstances of very high concern

None of the components are listed.

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SECTION 15: Regulatory information

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Restricted to professional users.

Other EU regulations

Europe inventory : All components are listed or exempted.

Black List Chemicals : Not listed

Priority List Chemicals : Listed

Integrated pollution prevention and control list (IPPC) - Air : Not listed

Integrated pollution prevention and control list (IPPC) - Water : Not listed

National regulationsBelgium

Product/ingredient name	List name	Name on list	Classification	Notes
Propan-2-ol	Belgium Carcinogen chemicals	Isopropylalcohol	Carc.	-

France

Social Security Code, Articles L 461-1 to L 461-7 : 1-methoxy-2-propanol 84
ethanol 84
propan-2-ol 84

Reinforced medical surveillance : Act of July 11, 1977 determining the list of activities which require reinforced medical surveillance: not applicable

Germany

Hazardous incident ordinance : Applicable. Category: 6 Flammable.

Hazard class for water : 1 Appendix No. 4

References : WGK1. Gemäß VwVws vom 17. Mai 1999

Technical instruction on air quality control : TA-Luft Number 5.2.5: 65%

AOX : The product does not contain organically bound halogens which could lead to an AOX value in waste water.

D.Lgs. 152/06 : Not classified.

Netherlands

Product/ingredient name	List name	Name on list	Classification	Notes
Ethyl Alcohol	Netherlands Carcinogenic Chemicals Netherlands Reprotoxic Chemicals	ethanol; ethylalcohol ethanol; ethylalcohol	Carc. Repro. fertility category 1, Dev. breast feeding (X), Dev. development category 1	-
Propan-2-ol	Netherlands Carcinogenic Chemicals	isopropylalcohol	Carc.	Carcinogenic process: process with strong acid used for the production of isopropylalcohol

Water Discharge Policy (ABM) : Harmful to aquatic organisms. Contains substances that are harmful to the aquatic environment. Abatement effort: A

15.2 Chemical Safety Assessment : This product contains substances for which Chemical Safety Assessments are still required.

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SECTION 16: Other information

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

Flam. Liq. 3, H226
Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT SE 3, H336

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336	On basis of test data Calculation method Calculation method Calculation method

Belgium

- Full text of abbreviated H statements** : H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
- Full text of classifications [CLP/GHS]** : Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2
STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
- Full text of abbreviated R phrases** : R11- Highly flammable.
R10- Flammable.
R36- Irritating to eyes.
R67- Vapours may cause drowsiness and dizziness.
- Full text of classifications [DSD/DPD]** : F - Highly flammable
Xi - Irritant

Bulgaria

- Full text of abbreviated H statements** : H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
- Full text of classifications [CLP/GHS]** : Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2
STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
- Full text of abbreviated R phrases** : R11- Highly flammable.
R10- Flammable.
R36- Irritating to eyes.
R67- Vapours may cause drowsiness and dizziness.
- Full text of classifications [DSD/DPD]** : F - Highly flammable
Xi - Irritant

Finland

- Full text of abbreviated H statements** : H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
- Full text of classifications [CLP/GHS]** : Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2
STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3

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SECTION 16: Other information

Full text of abbreviated R phrases	: R11- Highly flammable. R10- Flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: F - Highly flammable Xi - Irritant
France	
Full text of abbreviated H statements	: H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Full text of classifications [CLP/GHS]	: Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2 STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
Full text of abbreviated R phrases	: R11- Highly flammable. R10- Flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: F - Highly flammable Xi - Irritant
Germany	
Full text of abbreviated H statements	: H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Full text of classifications [CLP/GHS]	: Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2 STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
Full text of abbreviated R phrases	: R11- Highly flammable. R10- Flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: F - Highly flammable Xi - Irritant
Italy	
Full text of abbreviated H statements	: H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Full text of classifications [CLP/GHS]	: Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2 STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
Full text of abbreviated R phrases	: R11- Highly flammable. R10- Flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: F - Highly flammable Xi - Irritant

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SECTION 16: Other informationNetherlands

Full text of abbreviated H statements	: H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Full text of classifications [CLP/GHS]	: Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2 STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
Full text of abbreviated R phrases	: R11- Highly flammable. R10- Flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: F - Highly flammable Xi - Irritant

Norway

Full text of abbreviated H statements	: H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Full text of classifications [CLP/GHS]	: Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2 STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
Full text of abbreviated R phrases	: R11- Highly flammable. R10- Flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: F - Highly flammable Xi - Irritant

Spain

Full text of abbreviated H statements	: H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Full text of classifications [CLP/GHS]	: Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2 STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
Full text of abbreviated R phrases	: R11- Highly flammable. R10- Flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: F - Highly flammable Xi - Irritant

Sweden

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SECTION 16: Other information

Full text of abbreviated H statements	: H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Full text of classifications [CLP/GHS]	: Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2 STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
Full text of abbreviated R phrases	: R11- Highly flammable. R10- Flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: F - Highly flammable Xi - Irritant
<u>United Kingdom (UK)</u>	
Full text of abbreviated H statements	: H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Full text of classifications [CLP/GHS]	: Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2 Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2 STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3
Full text of abbreviated R phrases	: R11- Highly flammable. R10- Flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Full text of classifications [DSD/DPD]	: F - Highly flammable Xi - Irritant
History	
Date of issue (dd/mm/yyyy)	: 01/02/2011
Version	: 1

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