

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 1 of 17

Trade name:	HYDROQUINONE, SOLUTION		
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017
		Version:	3

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	
Trade name:	HYDROQUINONE, SOLUTION
Chemical name:	-
Catalogue number:	HQ-OT-X**
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Uses:	For use in histology, for histological sample processing.
Uses advised against:	Only the identified uses are advised.
Reason why uses advised against:	The product is intended for use only as an <i>in vitro</i> diagnostic medical device and there is no reason to use it for other purposes.
1.3. Details of the supplier of the safety data sheet	
Supplier:	BioGnost Ltd.
Address:	Medjugorska 59, Zagreb
Telephone number:	+385 1 2409997
Telefax:	00-385-1-2404039
e-mail of competent person:	vladimir.ramljak@biognost.hr
National contact:	Vladimir Ramljak, professor of biology
1.4. Emergency telephone numbers	
National Protection and Rescue Directorate:	112
Medical information:	01-23-48-342
Other information:	-

SECTION 2. Hazards identification	
2.1. Classification of the substance or mixture	
2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP)	
Hazard class and category code:	Hazard statement*:
Skin Sens. 1	H317
Muta. 2	H341
Carc. 2	H351
2.1.2. Additional information	
-	
* For full text of Hazard- and EU Hazard-statements: see SECTION 16	
2.2. Label elements	
Product identification:	HYDROQUINONE, SOLUTION
Identification number:	-
Authorisation number:	-

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 2 of 17

Trade name:	HYDROQUINONE, SOLUTION			
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version: 3

Hazard pictograms:	 GHS07  GHS08
Signal word:	Warning
Hazard statements:	H317 May cause an allergic skin reaction. H341 Suspected of causing genetic defects. H351 Suspected of causing cancer.
Precautionary statements:	EUH208 Contains: HYDROQUINONE May produce an allergic reaction. P201 Obtain special instructions before use. P281 Use personal protective equipment as required. P308+P313 IF exposed or concerned: Get medical advice / attention.
Supplemental hazard information (EU):	-
2.3. Other hazards	
	-

SECTION 3. Composition/information on ingredients

CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
123-31-9/ 204-617-8/ 604-005-00-4	-	1-2%	Hydroquinone	Acute Tox. 4; H302 Skin Sens. 1; H317 Eye Dam. 1; H318 Muta. 2; H341 Carc. 2; H351 Aquatic Acute 1; H400

SECTION 4. First aid measures

4.1. Description of first aid measures	
General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 3 of 17

Trade name:	HYDROQUINONE, SOLUTION		
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017
		Version:	3

	Following inhalation:	Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.
	Following skin contact:	Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.
	Following eye contact:	Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.
	Following ingestion:	Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.
	Self-protection of the first aider	-

4.2.	Most important symptoms and effects, both acute and delayed	
	Following inhalation:	May cause eye irritation and upper respiratory system (stinging sensation, irritation).
	Following skin contact:	May cause allergic reactions.
	Following eye contact:	Splatter may cause discomfort, stinging sensation, conjunctival redness.
	Following ingestion:	No information available.
4.3.	Indication of any immediate medical attention and special treatment needed	
	No information available	

SECTION 5. Firefighting measures		
5.1.	Extinguishing media	
	Suitable extinguishing media:	Small fire - water spray, dry powder, alcohol-resistant foam, CO ₂ Large fire - water spray or alcohol-resistant foam
	Unsuitable extinguishing media:	None in particular.
5.2.	Special hazards arising from the substance or mixture	
	Hazardous byproducts of fire:	Incomplete combustion of the product.
5.3.	Advice for firefighters	
	Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.	
5.4.	Additional information	
	-	

SECTION 6. Accidental release measures

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 4 of 17

Trade name:	HYDROQUINONE, SOLUTION				
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version:	3

6.1.	Personal precautions, protective equipment and emergency procedures	
6.1.1.	For non-emergency personnel	
	Protective equipment:	When disposing of small quantities use protective clothing. When disposing of large quantities use self-contained open-circuit compressed air breathing apparatus or self-contained closed-circuit air breathing apparatus.
	Accident prevention methods:	Secure a safety zone, remove all ignition sources, and in case of an accident inform the Emergency service (112) and the manufacturer or sender. Position a prohibition sign with symbols of flame and devices that cause sparks.
	Emergency procedures:	Remove or neutralize all factors that may exacerbate the condition, use all allowed means of containing the situation and use recommended means of personal protection.
6.1.2.	For emergency responders:	
	Self-contained open-circuit compressed air breathing apparatus, a set for protecting the body from heat dissipation (fireproof clothing).	
6.2.	Environmental precautions:	
	Use sand protective barrier to prevent further spillage of chemicals. Prevent environmental pollution by not allowing the chemicals to enter the sewage system, surface water or groundwater.	
6.3.	Methods and materials for containment and cleaning up	
6.3.1.	Bunding, covering of drains; capping procedures:	Sand protective barrier or barriers made of similar materials
6.3.2.	Cleaning up:	Sawdust, sand, mineral adsorbents
6.3.3.	Other information:	Secure proper ventilation. Contact the responsible person; in case of larger spills and possible environmental pollution contact National Protection and Rescue (112).
6.4.	Reference to other sections	
	-	

SECTION 7. Handling and storage		
7.1.	Precautions for safe handling	
7.1.1.	Protective measures	
	Measures to prevent fire:	Keep away from sources of ignition and heat. Do not use tools that cause sparks.
	Measures to prevent aerosol and dust generation:	Secure proper ventilation.
	Measures to protect the environment:	Prevent spilling into the sewage system and waterways.
	Other measures:	-
7.1.2.	Advice on general occupational hygiene:	

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 5 of 17

Trade name:	HYDROQUINONE, SOLUTION			
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version: 3

	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.			
7.2.	Conditions for safe storage, including any incompatibilities			
	Technical measures and storage conditions:	Keep in a well-ventilated place. Keep away from heat and direct solar radiation.		
	Packaging materials:	Manufacturer's original packaging.		
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.		
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.		
	Further information on storage conditions:	-		
7.3.	Specific end use(s)			
	Recommendations:	-		
	Industrial sector specific solutions:	-		

SECTION 8. Exposure controls/personal protection				
8.1. Control parameters				
Substance	CAS No	Occupational exposure limit values/short term values		Biological limit values
		ppm	mg/m ³	
Hydroquinone	123-31-9	-	0,5	No information available
Substance: -				
EC No: - CAS No: -				
DNEL				
Industrial				
Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic
Oral	-	-	-	-
Inhalation	-	-	-	-
Dermal	-	-	-	-
Key physical parameters: solubility flammability, corrosion: -				
Consumer				
Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic
Oral	-	-	-	-
Inhalation	-	-	-	-

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 6 of 17

Trade name:	HYDROQUINONE, SOLUTION			
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version: 3

Dermal	-	-	-
--------	---	---	---

PNEC	
Environmental protection target	PNEC
Fresh water	No information available
Freshwater sediments	No information available
Marine water	No information available
Marine sediments	No information available
Food chain	No information available
Microorganisms in sewage treatment	No information available
Soil (agricultural)	No information available
Air	No information available

8.2.	Exposure controls	
8.2.1.	Appropriate engineering controls	
	Substance/mixture related measures to prevent exposure during identified uses:	Do not eat, drink or smoke in the workspace. Use personal protective equipment.
	Structural measures to prevent exposure:	No information available
	Organisational measures to prevent exposure:	Organization of work in order to reduce other worker's influence during work process.
	Technical measures to prevent exposure:	See Section 7.2
8.2.2.	Personal protection equipment:	
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face or visor in case of lower levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.
8.2.2.2.	Skin protection	
	Hand protection:	Protect hands with category III (ref. Directive 89/686/EEC and standard EN 374) work gloves, such as those in PVA, butyl, fluoroelastomer or equivalent. The following should be considered when choosing work glove material: degradation, breakage times and permeation. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves' limit depends on the duration of exposure.
	Other skin protection:	Wear category III professional long-sleeved overalls and safety footwear (ref. Directive 89/686/CEE and standard EN 344). Wash body with soap and water after removing overalls.

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 7 of 17

Trade name:	HYDROQUINONE, SOLUTION				
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version:	3

8.2.2.3.	Respiratory protection:	<p>If the threshold value (if available) for one or more of the substances present in the preparation for daily exposure in the workplace or to a fraction established by the company's prevention and protection service is exceeded, wear a mask with an B or universal filter, the class (1, 2 or 3) of which must be chosen according to the limit concentration of use (ref. standard EN 141).</p> <p>The use of respiratory tract protection equipment, such as masks like that indicated above, is necessary to reduce worker exposure in the absence of technical measures. The protection provided by masks is in any case limited. If the substance in question is odourless or its olfactory threshold is higher than the relative exposure limit and in the event of an emergency, or when exposure levels are unknown or the concentration of oxygen in the workplace is less than 17% volume, wear self-contained, open-circuit compressed air breathing apparatus (ref. standard EN 137) or fresh air hose breathing apparatus for use with full face mask, half mask or mouthpiece (ref. standard EN 138). An emergency eye washing and shower system must be provided.</p>
8.2.2.4.	Thermal hazards:	
8.2.3.	Environmental exposure controls	
	Substance/mixture related measures to prevent exposure:	See Section 6
	Structural measures to prevent exposure:	Use modern equipment.
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.
	Technical measures to prevent exposure:	See Section 6

SECTION 9. Physical and chemical properties			
9.1.	Information on basic physical and chemical properties		
		Value	Method
	Physical state:	Liquid	No information available
	Colour:	Colorless	No information available
	Odour:	Odourless	No information available
	Odour threshold;	No information available	No information available
	pH:	No information available	No information available
	Melting point / freezing point;	No information available	No information available

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 8 of 17

Trade name:	HYDROQUINONE, SOLUTION		
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017
		Version:	3

	Initial boiling point and boiling range:	No information available	No information available
	Flash point:	No information available	No information available
	Evaporation rate:	No information available	No information available
	Flammability (solid, gas):	No information available	No information available
	Upper/lower flammability or explosive limits:	No information available	No information available
	Vapour pressure:	No information available	No information available
	Vapour density:	No information available	No information available
	Relative density	No information available	No information available
	Bulk density:	No information available	No information available
	Solubility(ies):	Soluble in water	No information available
	Partition coefficient: n-octanol/water (log Kow):	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	Viscosity:	No information available	No information available
	Explosive properties:	No information available	No information available
	Oxidising properties:	No information available	No information available
9.2.	Other information		
	-		

SECTION 10.: Stability and reactivity		
10.1.	Reactivity:	The product is stable under normal working and storage conditions.
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using.
10.3.	Possibility of hazardous reactions:	No hazardous reactions are foreseeable in normal conditions of use and storage.
10.4.	Conditions to avoid:	None in particular. However the usual precautions used for chemical products should be respected.
10.5.	Incompatible materials:	Information not available.
10.6.	Hazardous decomposition products:	Information not available.

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

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 9 of 17

Trade name:	HYDROQUINONE, SOLUTION			
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version: 3

Route of exposure:	Method	Species	Effective Dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results
Oral:	No information available	rat (hydroquinone)	302 mg/kg (hydroquinone)	No information available	-
Dermal:	No information available	rat (hydroquinone)	> 900 mg/kg	No information available	-
Inhalation:	No information available	No information available	No information available	No information available	-

Specific target organ toxicity - single exposure (STOT-SE):

	Specific effects	Target organ	Note
Oral:	No information available	No information available	-
Dermal:	No information available	No information available	-
Inhalation:	No information available	No information available	-

Respiratory irritation: May cause respiratory irritation.

Irritation and corrosion

	Exposure time	Species	Evaluation	Method	Note
Skin corrosion/irritation	No information available	No information available	No information available	No information available	-
Serious eye damage/irritation	No information available	No information available	No information available	No information available	-

Sensitization

Skin sensitization:	This product contains sensitizing substance/s and may cause allergic reactions.
Respiratory sensitization:	No information available

Symptoms related to the physical, chemical and toxicological characteristics

Oral exposure:	No information available
Dermal exposure:	May cause allergic reactions.
Inhalation exposure:	No information available

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 10 of 17

Trade name:	HYDROQUINONE, SOLUTION			
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version: 3

Eye exposure:	No information available
---------------	--------------------------

--	--	--	--	--	--	--

Repeated dose toxicity (subacute, subchronic, chronic)						
--	--	--	--	--	--	--

	Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	No information available	-				
Subacute dermal	No information available	-				
Subacute inhalation	No information available	-				
Subchronic oral	No information available	-				
Subchronic dermal	No information available	-				
Subchronic inhalation	No information available	-				
Chronic oral	No information available	-				
Chronic dermal	No information available	-				
Chronic inhalation	No information available	-				

--	--	--	--	--	--	--

Specific target organ toxicity - repeated exposure (STOT-RE):						
---	--	--	--	--	--	--

	Specific effects	Target organ	Note
Subacute oral	No information available	No information available	-
Subacute dermal	No information available	No information available	-
Subacute inhalation	No information available	No information available	-
Subchronic oral	No information available	No information available	-
Subchronic dermal	No information available	No information available	-
Subchronic inhalation	No information available	No information available	-
Chronic oral	No information available	No information available	-

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 11 of 17

Trade name:	HYDROQUINONE, SOLUTION			
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version: 3

Chronic dermal	No information available	No information available	-
Chronic inhalation	No information available	No information available	-
CMR effects (carcinogenicity, mutagenicity, reproductive toxicity)			
Carcinogenicity:	No information available		
Mutagenicity <i>in-vitro</i> :	No information available		
Genotoxicity:	No information available		
Mutagenicity <i>in-vivo</i> :	No information available		
Germ cell mutagenicity :	No information available		
Reproductive toxicity:	No information available		
Summary of evaluation of the CMR properties; :			
		No information available	
11.2. Practical experiences:			
Classification observations:	No information available		
Other observations:	No information available		
11.3. General notes:			
-			

SECTION 12. Ecological information						
12.1. Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish:	LC ₅₀	96 hours	0,044 mg/l (hydroquinone)	No information available	No information available	-
Crustacea:	EC ₅₀	48 hours	0,13 mg/l (hydroquinone)	No information available	No information available	-
Algae/aquatic plants:	IC ₅₀	72 hours	17 mg/l	No information available	No information available	-
Other organisms:	-	-	-	-	-	-
Chronic (long-term) toxicity	Doza	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Trade name:	HYDROQUINONE, SOLUTION				
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version:	3

Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants:	IC ₅₀	72 hours	No information available	No information available	No information available	-
Other organisms:	-	-	-	-	-	-

12.2. Persistence and degradability

Abiotic degradation					
	Degradation half-lives	Method		Evaluation	Note
Marine water	No information available	No information available		No information available	-
Fresh water	No information available	No information available		No information available	-
Air	No information available	No information available		No information available	-
Soil	No information available	No information available		No information available	-

Biodegradation

% Degradation	Time (days)	Method		Evaluation	Note
No information available	-	OECD (anaerobic conditions)		-	-

12.3. Bioaccumulative potential

Octanol-water partition coefficient (log Kow)

Value	Concentration	pH	°C	Method	Evaluation	Note
-	-	-	-	-	-	-

Bioconcentration Factor (BCF)

Value	Species	Method	Evaluation	Note
No information available	No information available	No information available	No information available	-

Chronic ecotoxicity

Value	Dose	Exposure time	Species	Method	Evaluation	Note
-------	------	---------------	---------	--------	------------	------

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 13 of 17

Trade name:	HYDROQUINONE, SOLUTION			
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version: 3

Chronic toxicity on fish	LC ₅₀	No information available	No information available	No information available	No information available	-
Chronic toxicity on crustacea (Daphnia)	EC ₅₀	No information available	No information available	No information available	No information available	-

12.4. Mobility in soil

Known or predicted distribution in environmental compartments:					
No information available					
Surface tension:					
	Value	°C	Concentration	Method	Note
	No information available	No information available	No information available	No information available	-

Adsorption / desorption

Transport	A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Note
Soil-Water	No information available	No information available	No information available	No information available	-
Water-Air	No information available	No information available	No information available	No information available	-
Soil-Air	No information available	No information available	No information available	No information available	-

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%
--

12.6. Other adverse effects

No information available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal:

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Trade name:	HYDROQUINONE, SOLUTION		
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017
		Version:	3

	Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature Protection.
13.1.2.	Waste codes/waste designations according to Low:
	15 01 10: packaging that contains residual hazardous substances or is contaminated with hazardous substances
13.1.3.	Waste treatment – relevant information:
	No information available
13.1.4.	Sewage disposal – relevant information:
	Waste must not be disposed of into the sewage system.
13.1.5.	Other disposal recommendations:
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge.
13.1.6.	Relevant Community provisions:
	-

SECTION 14. Transport information

	Transporting/shipment by road (ADR)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
	Transporting/shipment by rail (RID)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
	Transporting/shipment by inland waterways (ADN)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 15 of 17

Trade name:	HYDROQUINONE, SOLUTION				
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version:	3

Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by sea (IMDG)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	
Transporting/shipment by air (ICAO-TI/IATA-DGR)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Further information:	-

SECTION 15. Regulatory information	
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
	EU regulations
	Authorisation and/or restrictions on use
	Authorisations: -
	Restrictions: -

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 16 of 17

Trade name:	HYDROQUINONE, SOLUTION			
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version: 3

	Other EU regulations:	<p>EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council;</p> <p>The European Commission Regulation No. 453/2006 of 2010 on changes and amendments to the Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH);</p> <p>EC Regulation No. 2037/2000 of the European Parliament and Council of 29 June 2000 on ozone-depleting substances;</p> <p>EC Regulation No. 689/2008 of the European Parliament and Council of 17 June 2008 concerning the export and import of dangerous chemicals;</p> <p>EC Regulation No. 850/2004 of the European Parliament and Council of 29 April 2004 on persistent organic pollutants;</p> <p>Directive 2008/98/EC of the European Parliament and Council of 19 November 2008 on waste and repealing certain Directives</p>
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)	
	National legislation:	<p>Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act</p>
15.2.	Chemical safety assessment	
	None	

SECTION 16. Other information		
16.1.	Indication of changes:	-
16.2.	Abbreviations and acronyms:	<p>PBT Stable, bioaccumulative and toxic</p> <p>vPvB Strongly stable and strongly bioaccumulative</p> <p>LD₅₀ Lethal dose, 50%</p> <p>LC₅₀ Lethal concentration, 50%</p> <p>STOT - SE Specific target organ toxicity - single exposure</p>
16.3.	Key literature references and source of data:	-
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)	
	Classification	Classification procedure
	-	-
16.5.	Relevant H statements (number and full text)	

SAFETY DATA SHEET
According to Regulation (EC) No. 1907/2006

Page 17 of 17

Trade name:	HYDROQUINONE, SOLUTION			
Product code:	HQ-OT-X**	Date of compilation:	13 March 2017	Version: 3

	H:	351 341 318 317 302 400	Suspected of causing cancer. Suspected of causing genetic defects. Causes serious eye damage. May cause an allergic skin reaction. Harmful if swallowed. Very toxic to aquatic life.
16.6.	Training advice:	-	
16.7.	Further information:	<p>** "X" in the product code marks different volumes (different packagings of the product)</p> <p>We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.</p>	

ANNEX: Exposure scenario resulting to Chemical safety assessment
-