

# Hydrogen Peroxide 50%

9 May expansion or decompose explosively when heated or involved in fire.

#### > Advice for Firefighters

- As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent)and full protective gear.
- 2 Fight fire from a safe distance, with adequate cover.
- 3 Prevent fire extinguishing water from contaminating surface water or the ground water system

#### Section 6 Accidental Release Measure

#### > Personal Precautions, Protective Equipment and Emergency Procedures

- Ensure adequate ventilation. Remove all sources of ignition.
- 2 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
- 3 Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

#### > Environmental Precautions

- 1 Prevent further leakage or spillage if safe to do so.
- 2 Discharge into the environment must be avoided.

### > Methods and Materials for Containment and Cleaning Up

- 1 Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
- 2 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
- 3 Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

## Section 7 Handling and Storage

#### > Precautions for Handling

- 1 Handling is performed in a well ventilated place.
- 2 Wear suitable protective equipment.
- 3 Avoid contact with skin and eyes.
- 4 Keep away from heat/sparks/open flames/ hot surfaces.
- 5 Take precautionary measures against static discharges.

#### > Precautions for Storage

- 1 Keep containers tightly closed.
- 2 Keep containers in a dry, cool and well-ventilated place.
- 3 Keep away from heat/sparks/open flames/ hot surfaces.
- 4 Store away from incompatible materials and foodstuff containers.

	Section 8 E	xposure Controls/Personal	Protection
Control Parar Occupational E	meters	колдини	колдини
Component	Country/Region	Limit Value - Eight Hours	Limit Value - Short Term







DG1804508E

Hydrogen Berox	xide 50%	русский торговый холдинг	^ (1	русский торговый холдинг	DG1804508E
		ppm	mg/m³	ppm	mg/m <sup>3</sup>
	USA - OSHA	1	1.4	-	-
	South Korea	1	1.5	-	-
Hydrogen	Ireland	1	1.5 KMM	2	CORNÍN
peroxide 7722-84-1	Germany (DFG)	0.5	0.71 ANH	0.5	т.0.7динг
	Denmark	1	1.4	2	2.8
	Australia	1	1.4	-	-

#### **Biological Limit Values**

yC<sup>(</sup> TOPI 105

yC<sup>4</sup> TOPI

TOPI

No information available

#### **Monitoring Methods**

EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment 1 of exposure to chemical and biological agents.

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русский торговый холдинг

2 GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard).

#### > Engineering Controls

- 1 Ensure adequate ventilation, especially in confined areas.
- 2 Ensure that eyewash stations and safety showers are close to the workstation location.
- OBDIV Use explosion-proof electrical/ventilating/lighting/equipment. 3
  - 4 Set up emergency exit and necessary risk-elimination area.

### > Personal Protection Equipment

Eye Protection	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).
Hand Protection	Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.
Respiratory protection Skin and Body Protection	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges. Wear fire/flame resistant/retardant clothing and antistatic boots.

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Appearance: Colorless transparant liquid Odor Threshold: No information available Melting Point/Freezing Point (°C): No information available Flash Point (°C)( Closed Cup): No information available		
Melting Point/Freezing Point (°C): No informationInitial Boiling Point and Boilinavailableinformation availableFlash Point (°C)( Closed Cup): No information availableEvaporation Rate: No information	торгонит холдинг	
available Flash Point (°C)( Closed Cup): No information available Evaporation Rate: No information		
available	g Range (°C): No	
	ion available	
Flammability: Not applicable Vapor Pressure (MPa): No information available Vapor Pressure (MPa): No information available Vapor Pressure (MPa): No information available	1	Py TC
<b>Relative Density(Water=1):</b> No information available <b>Solubility:</b> No information avail	lable	
n-Octanol/Water Partition Coefficient: No information available Decomposition Temperature (°C): No information available available Auto-Ignition Temperature (°C): No information available available	CKMMIN	
Particle characteristics: Not applicable	XC.	

#### **Stability and Reactivity** Section 10

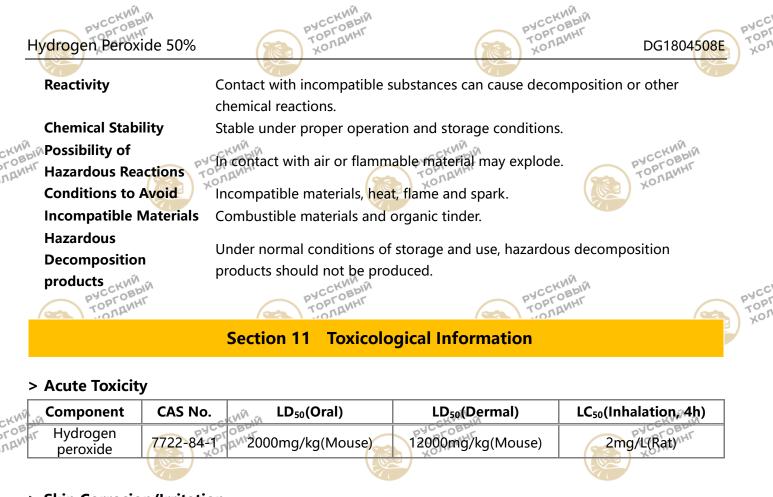
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#### > Skin Corrosion/Irritation

Causes severe skin burns and eye damage(Category 1)

#### > Serious Eye Damage/Irritation

Causes serious eye damage(Category 1)

#### > Skin Sensitization

No information available

#### **Respiratory Sensitization**

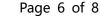
M No information available

#### > Germ Cell Mutagenicity

No information available

#### Carcinogenicity

ID	SYCCKWCAS No.	Component	IARC	русский	NTP	
1	7722-84-1	Hydrogen peroxide	Category 3	колдин	Not Listed	1
Repr	oductive Toxicity					Res .
אס in	formation available					
10 11						
		dditional				
Repr	oductive Toxicity (A	dditional)	CCKNŇ		сский	лй
Repr	oductive Toxicity (A	dditional)	русский торговый падинг	6	русский торговы	1×1
<b>Repr</b> No in		dditional)	русский торговый холдинг		русский торговы холдин	NÑ F

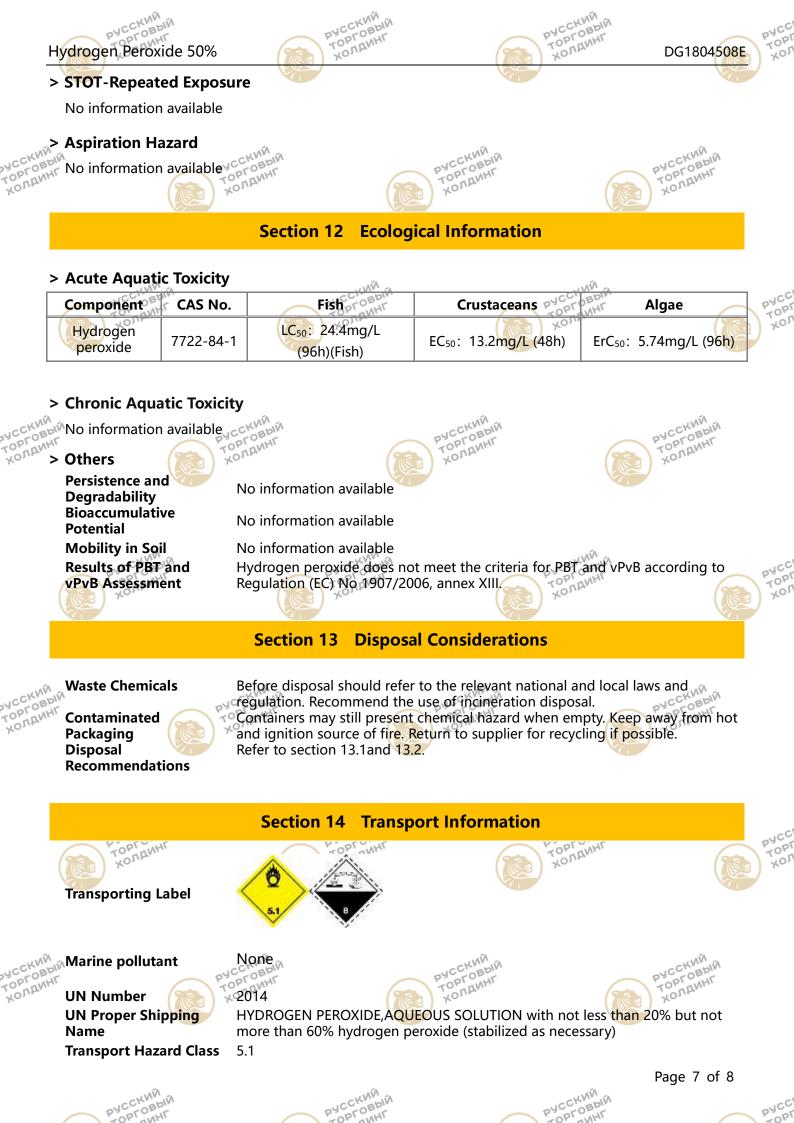


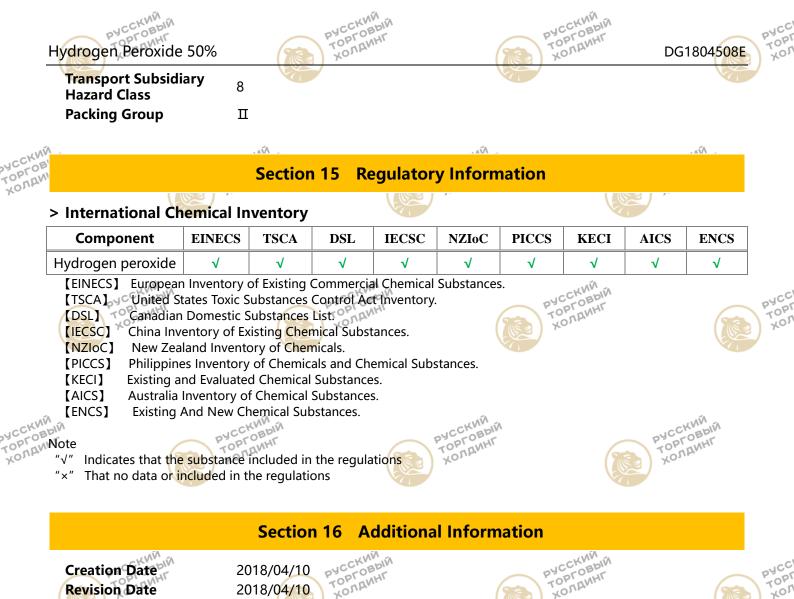
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# > Disclaimer

Reason for Revision

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 7th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user' s reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

