

## Safety Data Sheet (SDS)

Preparation Date 2016/07/21

Revision Date 2018/12/13

## Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	WDR21-S3
Product Code	WDR21S3001
Company Name	PENTEL CO., LTD.
Address	7-2,KOAMICHO,NIHONBASHI,CHUO-KU,TOKYO
Company Contact	QUALITY ASSURANCE DEPARTMENT I
Phone Number	03-5695-7210
Fax Number	03-5645-8204
Mail Address	hinpo@pentel.co.jp
Emergency Phone Number	03-5695-7210
Australian Company	Pentel Australia Pty Ltd
Address	Unit 4, 7 - 9 Orion Road, Lane Cove NSW 2066
Phone	1300 88 87 86
Emergency Phone	02 9425 4800
ABN	72 008 457 725
Recommended Use and Restriction on Use	ink  LRN5,5TL-S3、LR7,7TL-S3、BLN75TL,105-S3、BL77.77TL,107-S3

## Section 2 - HAZARDS IDENTIFICATION

## GHS Classification

Health Hazards	Acute toxicity (Inhalation: dust and mist) Category 4  Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Specific target organ toxicity (single exposure) Category 2(blood.kidney.central nervous system) Other hazards than mentioned above are Not applicable or Classification not possible.
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## GHS Label Elements

## Symbols



Signal Word	Warning
Hazard Statements	H315 Causes skin irritation H319 Causes serious eye irritation H332 Harmful if inhaled H371 May cause damage to blood,kidney,central nervous system

Precautionary Statements Prevention	Avoid breathing mist, vapours and spray.(P261)
Precautionary Statements	Wash hand thoroughly after handling.(P264) Wash eye thoroughly after handling.(P264) Do not eat, drink or smoke when using this product.(P270) Wear protective gloves.(P280) Wear eye protection and face protection.(P280)
Response Precautionary Statements	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.(P304+P340)  Get medical advice and attention if you feel unwell.(P314) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338)  If eye irritation persists: Get medical advice and attention.(P337+P313) If skin irritation or rash occurs, get medical advice and attention.(P333+P313)
Storage Precautionary Statements Disposal	Store locked up.(P405)
Precautionary Statements	Dispose of contents and container in accordance with local, regional and national regulations (to be specified) (P501)

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture

Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Glycerin	11.5%	CH <sub>2</sub> OHCH(OH)C H <sub>2</sub> OH	(2)-242	Existing	56-81-5
Ethylene glycol	5%	HOCH <sub>2</sub> CH <sub>2</sub> OH	(2)-230	Existing	107-21-1
Thiodiethylene glycol	9%	HOCH <sub>2</sub> CH <sub>2</sub> SCH <sub>2</sub> C H <sub>2</sub> OH	(2)-470	Existing	111-48-8
Triethanolamine	0.64%	N(CH <sub>2</sub> CH <sub>2</sub> OH) <sub>3</sub>	(2)-308	Existing	102-71-6

Impurities and/or Stabilizing Additives which Contribute to the Classification

No information available

## Section 4 - FIRST AID MEASURES

Inhalation	If breathing is difficult, move affected person to the open air. Keep him or her at rest to allow easier breathing. Get medical advice and attention if you feel unwell.
Skin Contact	Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice and attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. When the ocular stimulation lasts, Seek medical treatment and advice.
Ingestion	Rinse mouth. Do NOT induce vomiting. Get medical advice and attention if you feel unwell.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media	Dry chemicals, CO2, water spray or regular foam.
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Section 6 - ACCIDENTAL RELEASE MEASURES

Environmental Precautions	Pay attention not to cause the influence on the environment by discharging into rivers. This product is water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. After removal, flush contaminated area thoroughly with water.
Methods and Equipment for Containment and Cleaning in Prevention Measures for Secondary Accidents	Prevent flowing into drain, sewage, basement, and closed area. Remove thoroughly since the smooth and slippery surface will be formed on the floor.

Section 7 - HANDLING AND STORAGE

Handling	Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION".
	Precautions for Safe Handling	Avoid breathing mist, vapours and spray.  Wash hand thoroughly after handling. Do not contact, breathe or swallow. Do not eat, drink or smoke when using this product.  Avoid contact with eyes. Protect from high temperature and direct sunlight.
	Prevents Handling of Incompatible Substances or Mixtures	Refer to "Section 10 - STABILITY AND REACTIVITY".
	Specific Hygiene Measures	Wash hand thoroughly after handling.
Storage Precautionary Statements	Conditions for Safe Storage	Refer to "Section 10 - STABILITY AND REACTIVITY".

Material Used in Packaging/Containers      Store locked up.  
 Packaging materials and containers are not legislated,  
 but use sturdy and closed-type containers.

#### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls		Good general ventilation should be sufficient to control airborne levels.
Personal Protective Equipment	Hand Protection	Use personal gloves as required.
	Eye Protection	Use personal eye protection as required.
	Skin and Body Protection	Use personal protective clothing and face protection as required.

#### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State	liquid
	Form	liquid (viscous liquid)
	Colour	turquoise blue
Odour		slight odor
Odour threshold		No data available
pH		No data available
Melting Point/Freezing Point		No data available
Initial Boiling Point and Boiling Ranges		No data available
Flash Point		No data available
Evaporation Rate		No data available
Flammability (solid, gas)		No data available
Flammability or Explosive Limits	Lower Limit	No data available
	Upper Limit	No data available
Vapour Pressure		No data available
Vapour Density		No data available
Specific Gravity (Density)		No data available
Partition Coefficient : n-Octanol/Water		No data available
Auto-Ignition Temperature		No data available
Decomposition Temperature		No data available
Viscosity		No data available
Kinematic viscosity		No data available

#### Section 10 - STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	No data available
Possibility of Hazardous Reaction	No data available
Conditions to Avoid	No data available
Incompatible Substances or Mixtures	No data available

Hazardous Decomposition Products No data available

Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity No information available

Skin Corrosion/Irritation No data available

Serious eye damage/eye irritation No data available

Respiratory Sensitization No data available

Skin Sensitization No data available

Germ Cell Mutagenicity No data available

Carcinogenicity No data available

Reproductive Toxicity No data available

Specific target organ toxicity (single exposure) No data available

Specific target organ toxicity (repeated exposure) No data available

Aspiration Hazard No data available

Section 12 - ECOLOGICAL INFORMATION

Hazardous to the aquatic environment (acute) No data available

Hazardous to the aquatic environment (long-term) No data available

Hazardous to the ozone layer No data available

Section 13 - DISPOSAL CONSIDERATIONS

Residual Waste Disposal should be in accordance with applicable regulations and standards by the respective local governments  
Commission a waste disposal company, or a local public body who are licensed by local or regional government to dispose of the material  
When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company.  
Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes intact for reclamation.

Contaminated Container and Packaging Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and the standards of the local governments  
In case of disposal of empty containers, remove the content thoroughly.

Section 14 - TRANSPORT INFORMATION

International Regulations Regulatory Information by Sea Not applicable

Marine Pollutant Not applicable

	Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable
Regulations in Japan	Regulatory Information by Air	Not applicable
	Regulatory Information by Road or Rail	Not applicable
	Regulatory Information by Sea	Not applicable
	Marine Pollutant	Not applicable
	Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable
Emergency Response Guide Number	Regulatory Information by Air	Not applicable
		Not applicable

Section 15 - REGULATORY INFORMATION

Regulatory information with regard to this product in your country or in your region should be examined by your own responsibility.

Section 16 - OTHER INFORMATION

Information Contact  
Other Property

No information available  
This information is furnished without warranty express or implied.  
This information is believed to be accurate to the best knowledge of PENTEL Co., Ltd. but not assumes leagal responsibility for use of or reliance upon this information