

WDR21-F, PENTEL CO., LTD.,

Safety Data Sheet (SDS)

Preparation Date 2016/08/03

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name WDR21-S  
 Product Code WDR21S0001  
 Company Name PENTEL CO., LTD.  
 Address 7-2,KOAMICHO,NIHONBASHI,CHUO-KU,TOKYO  
 Company Contact QUALITY ASSURANCE DEPARTMENT I  
 Phone Number 048-928-6668  
 Emergency Phone Number 048-928-6668  
 Fax Number 048-928-9190  
 Mail Address hinpo@pentel.co.jp

Australian Company Pentel Australia Pty Ltd  
 Address Unit 4, 12 Mars Road, Lane Cove NSW 2066  
 Phone 1300 88 87 86  
 Emergency Phone 02 9425 4800  
 ABN 72 008 457 725

Recommended Use ink  
 and Restriction on Use  
 BL107-S

Section 2 - HAZARDS IDENTIFICATION

GHS Classification

No classification standards applicable

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> OH H(OH)CH 2OH	(2)- 242,(7)- 338	Existing	56-81-5
Ethylene glycol	5%	HOCH <sub>2</sub> C H <sub>2</sub> OH	(2)-230	Existing	107-21-1
Thiodiethylene glycol	9%	HOCH <sub>2</sub> C H <sub>2</sub> SCH <sub>2</sub> C H <sub>2</sub> OH	(2)-470	Existing	111-48-8
Triethanolamine	0.7%	N(CH <sub>2</sub> CH 2OH) <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 soap and plenty of water.  
 If skin irritation or rash occurs: Get medical advice

		and attention.
Eye Contact		Wash eyes carefully for several minutes with water. Take off contact lenses if easily removed, and continue to wash eyes afterwards. When the ocular stimulation lasts, Seek medical treatment and advice.
Ingestion		Rinse a mouth. Don't make vomit by force. Get medical advice and attention if you feel unwell.
<b>Section 5 - FIRE FIGHTING MEASURES</b>		
Extinguishing Media		Carbon dioxide, dry chemicals, water sprinkling, and general foam extinguishing agents
<b>Section 6 - ACCIDENTAL RELEASE MEASURES</b>		
Personal Precautions, Protective Equipment and Emergency Procedures		No information available
Environmental Precautions		Pay attention not to cause the influence on the environment by discharging into rivers. This product is water pollutant. Prevent soil contamination, or the product from flowing into the drain systems.
Decontamination/Absorption/Sweeping/ Vacuming/Neutralization		Collect the material into a disposal container by sucking up or sweeping up.  Absorb spills with inert materials (such as dry sand or soil) and collect them into chemical-waste disposal container.
Methods and Equipment for Containment and Cleaning up		Cleansing the contaminated area thoroughly with water after removal.
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.
<b>Section 7 - HANDLING AND STORAGE</b>		
Handling	Technical Measures	Provide ventilation system and Use necessary personal protective equipment as described in "8.EXPOSURE CONTROLS AND PERSONAL
	Local and General Ventilation	Provide local ventilations and a full ventilation system as described in "8. EXPOSURECONTROLS AND PERSONAL PROTECTION."
	Precautions for Safe Handling	Avoid the contact with eyes. Wash hands thoroughly after handling. Avoid swallowing Avoid high temperature and direct sunlight.
	Prevents Handling of Incompatible Substances or Mixtures	Refer to "10. STABILITY AND REACTIVITY"
Storage Precautionary Statements	Technical Measures	The storage facility should be provided with necessary lighting, lighting equipment, and ventilator to store and handle dangerous goods.
	Incompatible Substances or Mixtures	Refer to "10. STABILITY AND REACTIVITY"
	Storage Conditions	Have containers keep away from direct sunlight and heat. Keep away from heat. Store locked up.

	Material Used in Packaging/ Containers	Packaging materials and containers are not legislated, but use sturdy and closed-type containers.
<b>Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION</b>		
Engineering Controls		A general proper ventilation is enough to control concentration in air.
Personal Protective Equipment	Respiratory Protection Eye Protection	No information available  Use an adequate personal eye protector. Goggles (ordinary glass type, ordinary glass type with side shields, and goggle type)
Specific Hygiene Measures		Wash hands thoroughly after handling.
<b>Section 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>		
Appearance	Physical State Colour Odour pH	liquid (viscous liquid) Sky blue slight odor No data available
Initial Boiling Point and Boiling Ranges		No information available
Flash Point		no data available
Auto-Ignition		No information available
<b>Section 10 - STABILITY AND REACTIVITY</b>		
Stability		The material is stable under storage and handling conditions comprised with the regulations.
Possibility of Hazardous Reaction		No data available
Conditions to Avoid		No data available
Hazardous Decomposition Products		No data available
<b>Section 11 - TOXICOLOGICAL INFORMATION</b>		
Acute Toxicity		No information available
<b>Section 12 - ECOLOGICAL INFORMATION</b>		
	Environmental Hazards	No information available
Ecotoxicity		No information available
<b>Section 13 - DISPOSAL CONSIDERATIONS</b>		
Residual Waste		For disposal, conform with the standards provided by related laws and local public bodies. Commission the authorized waste disposal company, or a local public body who conducts the disposal, to dispose of the material.
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.
<b>Section 14 - TRANSPORT INFORMATION</b>		
International Regulations	Regulatory Information by Sea UN No. Marine Pollutant	Not applicable Not applicable Not applicable
	Regulatory Information by Air UN No.	Not applicable
Regulations in Japan	Regulatory Information by	Not applicable

Road or Rail	
Regulatory Information by Sea	Not applicable
UN No.	Not applicable
Marine Pollutant	Not applicable
Regulatory Information by Air	Not applicable
UN No.	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 legal responsibility for use of or reliance upon this information.