

Safety Data Sheet (SDS)

Preparation Date 2013/11/21

Section 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name WDR21-P
 Product Code WDR21P0001
 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
 Recommended Use and Restriction on Use ink
 LR7

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%	CH2OHCH(OH)CH2OH	(2)-242,(7)-338	Existing	56-81-5
Ethylene glycol	5%	HOCH2CH2OH	(2)-230	Existing	107-21-1
Thiodiethylene glycol	9%	HOCH2CH2SCH2CH2OH	(2)-470	Existing	111-48-8
Triethanolamine	0.7%	N(CH2CH2OH)3	(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.

Section 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Carbon dioxide, dry chemicals, water sprinkling, and general foam extinguishing agents

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures Environmental Precautions		No information available
Decontamination/Absorption/ Sweeping/Vacuuming/ Neutralization		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. 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 Prevention Measures for Secondary Accidents		Cleansing the contaminated area thoroughly with water after removal. 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 "8. EXPOSURE CONTROLS AND PERSONAL PROTECTION."
	Local and General Ventilation	Provide local ventilations and a full ventilation system as described in "8. EXPOSURE CONTROLS 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
	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.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State	liquid (viscous liquid)
	Colour	pink
	Odour	slight odor
	pH	No data available
Initial Boiling Point and Boiling Ranges		No information available
Flash Point		no data available
Auto-Ignition		No information available
Section 10 – STABILITY AND REACTIVITY		
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
Section 11 – TOXICOLOGICAL INFORMATION		
Acute Toxicity		No information available
Section 12 – ECOLOGICAL INFORMATION		
	Environmental Hazards	No information available
Ecotoxicity		No information available
Section 13 – DISPOSAL CONSIDERATIONS		
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.
Section 14 – TRANSPORT INFORMATION		
International Regulations	Regulatory Information by Sea	Not applicable
	UN No.	Not applicable
	Marine Pollutant	Not applicable
	Regulatory Information by Air	Not applicable
	UN No.	Not applicable
Regulations in Japan	Regulatory Information by Road or Rail	Not applicable
	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		No information available
Other Property		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.