

Safety Data Sheet (SDS)

Preparation Date 2013/04/20

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Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	WDR11-A
Product Code	WDR11A0001
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 LRN5/7,LRN5H,LRNT5,LR7/10,BLN15/23/25,BL17/27/30-A

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 1 Specific target organ toxicity (single exposure) Category 2(blood.kidnev.central nervous system)
Environmental Hazards	Hazardous to the aquatic environment (acute) Category 3 Hazardous to the aquatic environment (long-term) Category 3 Other hazards than mentioned above are Not applicable or Classification not possible.

GHS Label Elements

Symbols



Signal Word	Danger
Hazard Statements	H315 Causes skin irritation H318 Causes serious eye damage

	H332 Harmful if inhaled H412 Harmful to aquatic life with long lasting effects
	H371 May cause damage to blood, kidney, central nervous system
Precautionary Statements Prevention	Avoid breathing mist, vapours and spray. (P261)
Precautionary Statements Response	IF ON SKIN: Wash with plenty of soap and water. (P302+P352)
Precautionary Statements	If skin irritation or rash occurs, get medical advice and attention. (P333+P313) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Storage	If eye irritation persists: Get medical advice and attention. (P337+P313) IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301+P330+P331)
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	8.79%	CH ₂ OHCH(OH)CH ₂ OH	(2)-242	Existing	56-81-5
Ethylene glycol	7%	HOCH ₂ CH ₂ OH	(2)-230	Existing	107-21-1
Triethanolamine	0.27%	N(CH ₂ CH ₂ OH) ₃	(2)-308	Existing	102-71-6
Thiodiglycol	9.5%	HOCH ₂ CH ₂ SCH ₂ CH ₂ OH	(2)-470	Existing	111-48-8

Impurities and/or Stabilizing Additives which Contribute to the Classification
No information available

Section 4 - FIRST AID MEASURES

Inhalation
Remove person to fresh air and keep comfortable for 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.
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 up		Vacuum or sweep up material and place in a disposal container. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Prevent flowing into drain, sewage, basement, and closed area. Remove thoroughly since the smooth and slippery surface will be formed on the floor.
Prevention Measures for Secondary Accidents		
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	Wash hand thoroughly after handling. Avoid breathing mist, vapours and spray. Avoid swallowing. 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". 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		Good general ventilation should be sufficient to control airborne levels.
Personal Protective Equipment	Respiratory Protection	Use personal respiratory equipment as required.
	Hand Protection	Wear protective gloves.
	Eye Protection	Wear eye protection. Protection glasses (ordinary glasses, ordinary glasses with side shields, and goggles).
	Skin and Body Protection	Use personal face protection as required.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State	liquid
	Form	liquid (viscous liquid)
	Colour	black
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 or 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	For disposal, conform with the standards provided by related laws and local public bodies. Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material
Contaminated Container and Packaging	In case of disposal of empty containers, remove the content thoroughly. 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
	Marine Pollutant	Not applicable
	Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable

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

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 leagal responsibility for use of or reliance upon this information