

Safety Data Sheet (SDS)

Preparation Date 2016/07/21

Revision Date 2019/02/07

Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	WDR21-K
Product Code	WDR21K0001
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
Recommended Use and Restriction on Use	ink
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

LR7-K, LRN5-K, BL77,107-K, BL77PW-K, BLN105-K

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	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.(P304+P340)
Precautionary Statements	Get medical advice and attention if you feel unwell.(P314) If skin irritation occurs: Get medical advice and attention.(P332+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) If eye irritation persists: Get medical advice and attention.(P337+P313)
Storage Precautionary Statements	Store locked up.(P405)
Disposal 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 ₂ OHCH(OH)C H ₂ OH	(2)-242	Existing	56-81-5
Ethylene glycol	5%	HOCH ₂ CH ₂ OH	(2)-230	Existing	107-21-1
Thiodiethylene glycol	9%	HOCH ₂ CH ₂ SCH ₂ C H ₂ OH	(2)-470	Existing	111-48-8
Triethanolamine	0.64%	N(CH ₂ CH ₂ OH) 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

Get medical advice and attention if you feel unwell.

Skin Contact

Wash with soap and water.

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.
Vacuum or sweep up material and place in a disposal
container.

Methods and Equipment
for Containment and
Cleaning up

Absorb spill with inert material (e.g., dry sand or
earth), then place in a chemical waste container.
After removal, flush contaminated area thoroughly
with water.

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

Wash hand thoroughly after handling.

Avoid swallowing.

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".

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.
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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	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	Lime Green
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.
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
	Marine Pollutant
	Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code
	Not applicable
	Not applicable
	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 Guide Number	Information by Air	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 leagal responsibility for use of or reliance upon this information