Safety Data Sheet (SDS)

Preparation Date 2013/07/12

Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier WDR14-V Product Code WDR14V0001 Company Name PENTEL CO., LTD.

7-2,KOAMICHO,NIHONBASHI,CHUO-KU,TOKYO Address

Company Contact QUALITY ASSURANCE DEPARTMENT I

Phone Number 048-928-6668 Fax Number 048-928-9190 Mail Address hinpo@pentel.co.jp **Emergency Phone** 048-928-6668

Number

Recommended Use ink

and Restriction on

Use

LRN5-V,LRN5VBRPAF

Section 2 - HAZARDS IDENTIFICATION **GHS** Classification

Health Hazards Acute toxicity - inhalation (gas) Category 4

Serious eye damage/eye irritation Category 2B

Sensitization - respiratory Category 1 Reproductive toxicity Category 2

Specific target organ toxicity (single exposure)

Category 2(respiratory

apparatus, heart, kidney, central nervous system) Specific target organ toxicity (repeated exposure)

Category 2(liver, respiratory

apparatus, heart, kidney, central nervous system) Hazard to the aquatic environment (acute hazard)

Hazards Category 2

Hazard to the aquatic environment (long-term

hazard) Category 2

Other hazards than mentioned above are Not

applicable or No data available.

GHS Label Elements

Symbols

Environmental



Signal Word

Hazard Statements

H320 Causes eve irritation H332 Harmful if inhaled

H334 May cause allergy or asthma symptoms or

breathing difficulties if inhaled

H361 Suspected of damaging fertility or the

unborn child

Danger

H371 May cause damage to respiratory apparatus, heart, kidney, central nervous system H373 May cause damage to liver, respiratory apparatus, heart, kidney, central nervous system through prolonged or repeated exposure

H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention

Do not get in eyes, on skin, or on clothing.(P262)

Precautionary Statements

Response Precautionary Statements

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 eve irritation persists: Get medical advice and

attention.(P337+P313)

IF SWALLOWED: Rinse mouth. Do NOT induce

vomiting.(P301+P330+P331)

IF ON SKIN: Gently wash with plenty of soap and

water.(P302+P350)

Storage

Store in a well-ventilated place keeping container

Precautionary Statements

tightly closed.(P403+P233)

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 mixture

or Mixture

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Chemical Name or	Concentration or Its	Formula	ENCS No./ISHL No.		CAS RN
Generic Name	Ranges	Formula	ENCS No.	ISHL No.	UAS KIN
Glycerine	9.7%	CH2OHCH	(2)-	Existing	56-81-5
		(OH)C	242,(7)-		
		H2OH	338		
Ethylene glycol	7.0%	HOCH2CH	(2)-230	Existing	107-21-1
		2OH			
Diethylenen glycol	7.3%	HOCH2CH	(2)-	Existing	111-46-6
		2OCH2C	415,(2)-		
		H2OH	2979		

Impurities and/or

Stabilizing Additives which

Contribute to the

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.

Extinguishing Media

Dry chemicals, CO2, water spray or regular foam.

Section 6 - ACCIDENTAL RELEASE MEASURES

Environmental Pay attention not to cause the influence on the

Precautions 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.

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

Methods and Equipment for Containment and

Cleaning up

After removal, flush contaminated area thoroughly

with water.

Prevention Measures for Prevent flowing into drain, sewage, basement, and Secondary Accidents

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 Avoid contact with eyes.

Handling

Wash hand thoroughly after handling.

Avoid swallowing.

Protect from high temperature and direct sunlight.

Prevents Handling of Refer to "Section 10 - STABILITY AND

Imcompatible REACTIVITY".

Substances or

Mixtures

Storage Precautionary

Statements

Technical Measures Store in a well-ventilated and cool place keeping

container tightly closed.

Packaging materials and containers are not Material Used in Packaging/Container 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

Eye Protection

Wear eye protection.

Protection glasses (ordinary glasses, ordinary

glasses with side shields, and goggles).

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance Physical State liauid

> Form liquid (viscous liquid)

Colour purple

Odour slight odor

Odour threshold No data available No data available pΗ Melting Point/Freezing No data available

Point

Initial Boiling Point and No data available

Boiling Ranges

Flash Point no data available **Evaporation Rate** No data available Flammability (solid, gas)

No data available
Flammability or Explosive Lower Limit

No data available

Limits

Upper Limit No data available

Vapour Pressure

Vapour Density

Specific Gravity (Density)

Partition Coefficient: n
No data available

No data available

No data available

Octanol/Water

Auto-Ignition No data available
Decomposition No data available

Temperature

Viscosity No data available Kinematic viscosity No data available

Flammability or Explosive

Limits

Section 10 - STABILITY AND REACTIVITY

Reactivity
Chemical stability
Possibility of Hazardous
No data available
No data available

Reaction

Conditions to Avoid No data available Imcompatible Substances No data available

or Mixtures

Hazardous Decomposition No data available

Products

Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity No information available

Skin Corrosion/Irritation No data available
Serious eye damage/eye No data available

irritation

Respiratory or Skin No data available

Sensitization

Germ Cell Mutagenicity

Carcinogenicity

Reproductive Toxicity

Specific target organ

No data available
No data available
No data available

toxicity (single exposure)

Specific target organ No data available

toxicity (repeated

exposure)

Aspiration Hazard No data available

Section 12 - ECOLOGICAL INFORMATION

Hazard to the aquatic No data available

environment (acute

Hazard to the aquatic No data available

environment (long-term

hazard)

Hazard 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

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

Not applicable Regulatory

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

Information by Air

Regulations in Japan 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

Not applicable Regulatory

Information by Air

Emergency Response

Guide Number

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.

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