

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.
Address	7-2,KOAMICHO,NIHONBASHI,CHUO-KU,TOKYO
Company Contact	QUALITY ASSURANCE DEPARTMENT I
Phone Number	048-928-6668
Fax Number	048-928-9190
Mail Address	hinpo@pentel.co.jp
Emergency Phone Number	048-928-6668
Recommended Use and Restriction on Use	ink 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)
Environmental Hazards	Hazard to the aquatic environment (acute hazard) 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



Signal Word	Danger
Hazard Statements	H320 Causes eye 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 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

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.

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.

Prevention Measures for Secondary Accidents After removal, flush contaminated area thoroughly with water. 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 Avoid contact with eyes. Wash hand thoroughly after handling. Avoid swallowing. Protect from high temperature and direct sunlight.

Prevents Handling of Incompatible Substances or Mixtures Refer to "Section 10 – STABILITY AND REACTIVITY".

Storage Precautionary Statements Technical Measures Store in a well-ventilated and cool place keeping container tightly closed.

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 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 liquid
Form liquid (viscous liquid)
Colour purple

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		No data available
Decomposition Temperature		No data available
Viscosity		No data available
Kinematic viscosity		No data available
Flammability or Explosive Limits		
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		
Hazard to the aquatic environment (acute)		No data available
Hazard to the aquatic environment (long-term hazard)		No data available
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	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
Regulations in Japan	Regulatory Information by Air Regulatory Information by Road or Rail Regulatory Information by Sea Marine Pollutant Transport in bulk according to MARPOL 73/78,Annex II ,and the IBC code Regulatory Information by Air	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
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.
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.