

Safety Data Sheet (SDS)

Preparation Date 2013/04/20

Revision Date 2017/10/27

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, 12 Mars 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,kidney,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) |
| | If eye irritation persists: Get medical advice and attention.(P337+P313) IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.(P301+P330+P331) |
| Storage | Store locked up.(P405) |
| Precautionary Statements Disposal | Dispose of contents and container in accordance with local, regional and national regulations (to be specified) (P501) |
| Precautionary Statements | |

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 SCCH 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. |
| Methods and Equipment for Containment and Cleaning up | | After removal, flush contaminated area thoroughly with water. 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. |
| 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 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 |

| | | |
|---------------------------------|--|----------------|
| Regulations in Japan | Regulatory Information by Air | Not applicable |
| | Regulatory Information by Road | Not applicable |
| | or Rail | |
| | 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 |
| | | |
| Emergency Response Guide Number | Regulatory Information by Air | Not applicable |
| | | 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 |