

## Safety Data Sheet (SDS)

Preparation Date 2014/08/12

Revision Date 2019/01/31

## Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

|  |  |
|--|--|
| Chemical Identifier                    | WDR20-D                                  |
| Product Code                           | WDR20D0001                               |
| 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                           |
|  | LRN5,LR7,LR10,BL17,BL27-D                |

## Section 2 - HAZARDS IDENTIFICATION

## GHS Classification

|                |   |
|----------------|---|
| Health Hazards | Acute toxicity (Inhalation: dust and mist) Category 4<br><br>Skin corrosion/irritation Category 2<br>Serious eye damage/eye irritation Category 1<br>Specific target organ toxicity (single exposure) Category 1(blood,kidney,central nervous system)<br>Specific target organ toxicity (single exposure) Category 3(respiratory tract irritation)<br>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<br>H332 Harmful if inhaled<br>H335 May cause respiratory irritation<br>H370 Causes damage to blood, kidney, central nervous system   |
| Precautionary Statements |   |
| Prevention               | Avoid breathing gas.(P261)  |
| Precautionary Statements | Avoid breathing mist, vapours and spray.(P261)<br>Avoid breathing dust and fume.(P261)<br>Use only outdoors or in a well-ventilated area.(P271)   |
|                          | Wear protective gloves.(P280)<br>Wear eye protection and face protection.(P280)<br>Do not breathe mist, vapours and spray.(P260)<br>Wash hand thoroughly after handling.(P264)<br>Do not eat, drink or smoke when using this product.(P270)   |
| Response                 | IF ON SKIN: Wash with plenty of soap and water.(P302+P352)  |
| Precautionary Statements | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.(P304+P340)<br><br>Immediately call a doctor.(P310)<br>Call a doctor if you feel unwell.(P312)<br>If skin irritation occurs: Get medical advice and attention.(P332+P313)<br>Take off contaminated clothing and wash it before reuse.(P362+P364)<br>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 exposed or concerned: Call a POISON CENTER/doctor/...(P308+P311)<br>Specific treatment.(P321)  |
| Precautionary Statements | Store in a well-ventilated place keeping container tightly closed.(P403+P233)<br><br>Store locked up.(P405)   |
| 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. |          |
| Ethylene glycol               | 12.6%                       | HOCH <sub>2</sub> CH <sub>2</sub> OH | (2)-230           | Existing | 107-21-1 |

|                       |      |  |                     |          |          |
|-----------------------|------|--|---------------------|----------|----------|
| Glycerin              | 8.6% | CH <sub>2</sub> OHCH(OH)C<br>H <sub>2</sub> OH                               | (2)-242,(7)-<br>338 | Existing | 56-81-5  |
| Thiodiethylene glycol | 9.4% | HOCH <sub>2</sub> CH <sub>2</sub><br>SCH <sub>2</sub> C<br>H <sub>2</sub> 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

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, CO<sub>2</sub>, 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.<br>Avoid contact with eyes.<br>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".<br><br>Have containers keep away from direct sunlight and heat.<br>Keep away from heat. |

## 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         | green                   |
| Odour                                    |                | odorless                |
| 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<br>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 | Not applicable |
|---------------------------|-------------------------------|----------------|

|                          |                     |                |
|--------------------------|---------------------|----------------|
|                          | Marine Pollutant    | Not applicable |
|                          | Transport in bulk   | Not applicable |
|                          | according to MARPOL |                |
|                          | 73/78,Annex II ,and |                |
|                          | the IBC code        |                |
|                          | 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 | Information by Air  |                |
| 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  
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information