Safety Data Sheet (SDS)

Preparation Date 2013/10/21
Revision Date 2018/12/13

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION
Chemical Identifier WDR22-A
Product Code WDR22A0001
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 03-5695-7210

Recommended Use and Restriction on Use
ink

BLN73-A, LRN3-A, XBGRN5A

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
Sensitization – skin Category 1
Specific target organ toxicity (single exposure) Category 2(blood,kidney,central nervous system)

Environmental Hazards
Hazardous to the aquatic environment (acute) Category 2
Other hazards than mentioned above are Not applicable or Classification not possible.

GHS Label Elements

Symbols

![GHS Symbols]

Signal Word Warning
Hazard Statements
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H332 Harmful if inhaled
H371 May cause damage to blood,kidney,central nervous system
H401 Toxic to aquatic life

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)
Get medical advice and attention if you feel unwell. (P314)
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 skin irritation or rash occurs, get medical advice and attention. (P333+P313)

Precautionary Statements

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)

Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Distinction of Substance</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name or Generic Name</td>
<td>Concentration or Its Ranges</td>
</tr>
<tr>
<td>Glycerin</td>
<td>11.5%</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>5%</td>
</tr>
<tr>
<td>Thiodiethylene glycol</td>
<td>9%</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>3.5%</td>
</tr>
<tr>
<td>Ammonia</td>
<td>0.74%</td>
</tr>
</tbody>
</table>

Impurities and/or Stabilizing Additives which Contribute to the
No information available

Section 4 – FIRST AID MEASURES

Inhalation
If breathing is difficult, move affected person to the open air. Keep him or her at rest to allow easier 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. After removal, flush contaminated area thoroughly with water.

Methods and Equipment for Containment and Cleaning up
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 breathing mist, vapours and spray.
Wash hand thoroughly after handling.
Do not contact, breathe or swallow.
Do not eat, drink or smoke when using this product.
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”.
Specific Hygiene Measures
Wash hand thoroughly after handling.

Storage Precautionary Statements
Conditions for Safe Storage
Refer to “Section 10 – STABILITY AND REACTIVITY”.
Store locked up.
Material Used in Packaging/Container
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
Hand Protection
Use personal gloves as required.
Eye Protection
Use personal eye protection as required.
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 Lower Limit Limits: 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

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.

Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes intact for reclamation.

When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company.

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.

In case of disposal of empty containers, remove the content thoroughly.

Section 14 – TRANSPORT INFORMATION

International Regulations

Regulatory Information by Sea

Marine Pollutant Not applicable

Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code Not applicable

Regulatory Information by Air

Not applicable

Regulations in Japan

Regulatory Information by Road or Rail

Not applicable

Regulatory Information by Sea

Marine Pollutant Not applicable

Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code Not applicable

Regulatory Information by Air

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

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 legal responsibility for use of or reliance upon this information.
Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier: WDR22-B
Product Code: WDR22B0001
Company Name: PENTEL CO., LTD.
Address: 7-2,KOAMICHO,NIHONBASHI,CHUO-KU,TOKYO
Company Contact: QUALITY ASSURANCE DEPARTMENT 1
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:
BLN73-B, LRN3-B, XBGGRN5B

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
- Reproductive toxicity Category 2
- Specific target organ toxicity (single exposure) Category 2(blood,kidney,central nervous system)
- Specific target organ toxicity (repeated exposure) Category 2(liver,kidney)
- Other hazards than mentioned above are Not applicable or Classification not possible.

GHS Label Elements

Symbols

Signal Word: Warning
Hazard Statements:
- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H332 Harmful if inhaled
- H361 Suspected of damaging fertility or the unborn child
- H371 May cause damage to blood,kidney,central nervous system
- H373 May cause damage to liver,kidney through prolonged or repeated exposure

Precautionary Statements

Prevention:
Avoid breathing mist, vapours and spray.(P261)

Precautionary Statements:
Wash hand thoroughly after handling.(P264)
Wash eye thoroughly after handling.(P264)
Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name or Generic Name</th>
<th>Concentration or Its Ranges</th>
<th>Formula</th>
<th>ENCS No./ISHL No.</th>
<th>CAS RN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>11.5%</td>
<td>CH₂OHCH(₂)OH/C₃H₂OH</td>
<td>(2)–242 Existing</td>
<td>56–81–5</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>5%</td>
<td>HOCH₂CH₂OH</td>
<td>(2)–230 Existing</td>
<td>107–21–1</td>
</tr>
<tr>
<td>Diethylene glycol</td>
<td>9%</td>
<td>HOCH₂CH₂OH</td>
<td>(2)–415 Existing</td>
<td>111–46–6</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>0.7%</td>
<td>N(CH₂CH₂OH)₃</td>
<td>(2)–308 Existing</td>
<td>102–71–6</td>
</tr>
</tbody>
</table>

Impurities and/or Stabilizing Additives which Contribute to the Mixture

No information available

Section 4 - FIRST AID MEASURES

Inhalation

If breathing is difficult, move affected person to the open air. Keep him or her at rest to allow easier 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. After removal, flush contaminated area thoroughly with water.

Methods and Equipment for Containment and Cleaning up
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 breathing mist, vapours and spray.
Wash hand thoroughly after handling.
Do not contact, breathe or swallow.
Do not eat, drink or smoke when using this product.
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”.

Specific Hygiene Measures
Wash hand thoroughly after handling.

Storage Precautionary Statements
Conditions for Safe Storage
Refer to “Section 10 – STABILITY AND REACTIVITY”.
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

Hand Protection
Use personal gloves as required.

Eye Protection
Use personal eye protection as required.

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
red
<table>
<thead>
<tr>
<th>Property</th>
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<td>pH</td>
<td>No data available</td>
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<td>Melting Point/Freezing Point</td>
<td>No data available</td>
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<tr>
<td>Initial Boiling Point and Boiling Ranges</td>
<td>No data available</td>
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<tr>
<td>Flash Point</td>
<td>No data available</td>
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<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
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<tr>
<td>Flammability (solid, gas)</td>
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<td>Flammability or Explosive Lower Limit Limits</td>
<td>No data available</td>
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<td>Vapour Pressure</td>
<td>No data available</td>
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<tr>
<td>Vapour Density</td>
<td>No data available</td>
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<tr>
<td>Specific Gravity (Density)</td>
<td>No data available</td>
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<tr>
<td>Partition Coefficient : n- Octanol/Water</td>
<td>No data available</td>
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<tr>
<td>Auto-Ignition</td>
<td>No data available</td>
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<tr>
<td>Decomposition</td>
<td>No data available</td>
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<tr>
<td>Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
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<tr>
<td>Kinematic viscosity</td>
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</table>

Section 10 – STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tr>
<td>Possibility of Hazardous Reaction</td>
<td>No data available</td>
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<tr>
<td>Conditions to Avoid</td>
<td>No data available</td>
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<tr>
<td>Incompatible Substances or Mixtures</td>
<td>No data available</td>
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<td>Hazardous Decomposition Products</td>
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Section 11 – TOXICOLOGICAL INFORMATION

<table>
<thead>
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<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Acute Toxicity</td>
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<tr>
<td>Skin Corrosion/Irritation</td>
<td>No data available</td>
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<tr>
<td>Serious eye damage/eye irritation</td>
<td>No data available</td>
</tr>
<tr>
<td>Respiratory Sensitization</td>
<td>No data available</td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>No data available</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>No data available</td>
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<tr>
<td>Carcinogenicity</td>
<td>No data available</td>
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<tr>
<td>Reproductive Toxicity</td>
<td>No data available</td>
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<tr>
<td>Specific target organ (toxicity (single exposure))</td>
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<tr>
<td>Specific target organ (toxicity (repeated exposure))</td>
<td>No data available</td>
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<td>Aspiration Hazard</td>
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Section 12 – ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Hazardous to the aquatic environment (acute)</td>
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<tr>
<td>Hazardous to the aquatic environment (long-term)</td>
<td>No data available</td>
</tr>
<tr>
<td>Hazardous to the ozone layer</td>
<td>No data available</td>
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</tbody>
</table>
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.
Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes intact for reclamation.
When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company.

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.
In case of disposal of empty containers, remove the content thoroughly.

Section 14 – TRANSPORT INFORMATION

International Regulations

Regulatory Information by Sea
Marine Pollutant Not applicable
Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code Not applicable

Regulatory Information by Air
Not applicable

Regulations in Japan
Regulatory Information by Road or Rail
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
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 legal responsibility for use of or reliance upon this information.
Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier  WDR22-C
Product Code  WDR22C0001
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

BLN73-C, LRN3-C, XBGRN5C

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
Reproductive toxicity Category 2
Specific target organ toxicity (single exposure) Category 2(blood,kidney,central nervous system)
Specific target organ toxicity (repeated exposure) Category 2(liver,kidney)
Other hazards than mentioned above are Not applicable or Classification not possible.

GHS Label Elements

Symbols

Signal Word  Warning
Hazard Statements  H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled
H361 Suspected of damaging fertility or the unborn child
H371 May cause damage to blood,kidney,central nervous system
H373 May cause damage to liver,kidney through prolonged or repeated exposure

Precautionary Statements
Prevention  Avoid breathing mist, vapours and spray.(P261)
Precautionary Statements  Wash hand thoroughly after handling.(P264)
Wash eye thoroughly after handling.(P264)
Response
Precautionary Statements
Do not eat, drink or smoke when using this product. (P270)
Wear protective gloves. (P280)
Wear eye protection and face protection. (P280)
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. (P304+P340)
Get medical advice and attention if you feel unwell. (P314)
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 skin irritation or rash occurs, get medical advice and attention. (P333+P313)
Store locked up. (P405)

Precautionary Statements
Get medical advice and attention if you feel unwell. (P314)

Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

### Distinction of Substance or Mixture

<table>
<thead>
<tr>
<th>Chemical Name or Generic Name</th>
<th>Concentration or Its Ranges</th>
<th>Formula</th>
<th>ENCS No./ISHL No.</th>
<th>CAS RN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>11.5%</td>
<td>CH₂OHCH(OH)C₂H₂OH</td>
<td>(2)–242</td>
<td>Existing</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>5%</td>
<td>HOCH₂CH₂OH</td>
<td>(2)–230</td>
<td>Existing</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>0.7%</td>
<td>N(CH₂CH₂OH)₃</td>
<td>(2)–308</td>
<td>Existing</td>
</tr>
<tr>
<td>Direct blue 87</td>
<td>3.7%</td>
<td>(5)–1299</td>
<td>Existing</td>
<td>1330–39–8</td>
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<tr>
<td>Diethylene glycol</td>
<td>9%</td>
<td>HOCH₂CH₂OH₂</td>
<td>(2)–415</td>
<td>Existing</td>
</tr>
</tbody>
</table>

Impurities and/or Stabilizing Additives which Contribute to the
No information available

Section 4 – FIRST AID MEASURES

### Inhalation
If breathing is difficult, move affected person to the open air. Keep him or her at rest to allow easier 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.

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

Avoid breathing mist, vapours and spray.

Prevents Handling of Incompatible Substances or Mixtures

Wash hand thoroughly after handling.

Specific Hygiene Measures

Do not contact, breathe or swallow.

Wash hand thoroughly after handling.

Prevent flowing into drain, sewage, basement, and closed area.

Remove thoroughly since the smooth and slippery surface will be formed on the floor.

Secondary Accidents

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Hand Protection

Use personal gloves as required.

Eye Protection

Use personal eye protection as required.

Skin and Body Protection

Use personal face protection as required.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State

liquid

Form

liquid (viscous liquid)
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>blue</td>
</tr>
<tr>
<td>Odour</td>
<td>odorless</td>
</tr>
<tr>
<td>Odour threshold</td>
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</tr>
<tr>
<td>pH</td>
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<tr>
<td>Melting Point/Freezing Point</td>
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<tr>
<td>Initial Boiling Point and</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Ranges</td>
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</tr>
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<td>Flash Point</td>
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<td>Flammability or Explosive Lower Limit</td>
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<td>Section 10 – STABILITY AND REACTIVITY</td>
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<td>Skin Corrosion/Irritation</td>
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<td>Respiratory Sensitization</td>
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<td>Carcinogenicity</td>
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<td>Reproductive Toxicity</td>
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<td>Specific target organ toxicity (repeated exposure)</td>
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<td>Section 12 – ECOLOGICAL INFORMATION</td>
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<td>Hazardous to the aquatic environment (long-term)</td>
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Hazardous to the ozone layer

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. Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes intact for reclamation. When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company.

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. In case of disposal of empty containers, remove the content thoroughly.

Section 14 – TRANSPORT INFORMATION
International Regulations
Regulatory Information by Sea
Marine Pollutant Not applicable
Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code Not applicable
Regulatory Information by Air
Not applicable

Regulations in Japan
Regulatory Information by Road or Rail
Not applicable
Regulatory Information by Sea
Marine Pollutant Not applicable
Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code Not applicable
Regulatory Information by Air
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
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 legal responsibility for use of or reliance upon this information.