Safety Data Sheet (SDS)

Preparation Date 2016/07/21 Revision Date 2018/12/13

Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier WDR21-CA

Product Code WDR21CA001 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

Number

Australian Company Pentel Australia Pty Ltd

Address Unit 4, 7 - 9 Orion Road, Lane Cove NSW 2066

Phone 1300 88 87 86 Emergency Phone 02 9425 4800 ABN 72 008 457 725

Recommended Use ink

and Restriction on

Use

LRN5,5TL-CA, LR7,7TL-CA, BLN75L,75TL,105-

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

H371 May cause damage to blood, kidney, central

nervous system

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 Precautionary Statements 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 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) Store locked up.(P405)

Precautionary

Statements Disposal

Storage

Dispose of contents and container in accordance with

Precautionary local, regional and national regulations (to be

Statements specified) (P501)

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture

| IVI | ixtı. | ıre |
|-----|-------|-----|

| Chemical Name or Generic | Concentration or Its | Formula | ENCS No./ISHL No. | | CACDN |
|--------------------------|----------------------|----------|-------------------|----------|----------|
| Name | Ranges | Formula | ENCS No. | ISHL No. | CAS RN |
| Glycerin | 11.5% | СН2ОНСН(| (2)-242 | Existing | 56-81-5 |
| | | ОН)С | | | |
| | | H2OH | | | |
| Ethylene glycol | 5% | HOCH2CH2 | (2)-230 | Existing | 107-21-1 |
| | | ОН | | | |
| Thiodiethylene glycol | 9% | HOCH2CH2 | (2)-470 | Existing | 111-48-8 |
| | | SCH2C | | | |
| | | H2OH | | | |
| Triethanolamine | 0.67% | N(CH2CH2 | (2)-308 | Existing | 102-71-6 |
| | | OH)3 | | | |

Impurities and/or Stabilizing Additives which Contribute to the Classification 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.

Wash with plenty of soap and water. Skin Contact

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 hodies of water. After removal, flush contaminated area thoroughly

for Containment and with water.

Cleaning un

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

Secondary Accidents

Remove thoroughly since the smooth and slippery

surface will be formed on the floor.

Section 7 - HANDLING AND STORAGE

Methods and Equipment

Provide ventilation system and use necessary personal Handling **Technical Measures**

> 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 Refer to "Section 10 - STABILITY AND REACTIVITY".

Incompatible Substances or

Mivturos

Wash hand thoroughly after handling. Specific Hygiene

Measures

Storage Precautionary

Statements

Conditions for Safe

Storage

Refer to "Section 10 - STABILITY AND REACTIVITY".

Store locked up.

Material Used in Packaging materials and containers are not legislated,

Packaging/Containers 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 Use personal protective clothing and face protection as

Protection required.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance Physical State liquid

Form liquid (viscous liquid)

Colour Blue Black

Odour slight odor

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

Point

Initial Boiling Point and No data available

Boiling Ranges

Flash Point

Evaporation Rate

Flammability (solid, gas)

No data available

No data available

Flammability or Explosive Lower Limit No data available

Limits

Upper Limit No data available

Vapour Pressure

Vapour Density

No data available

No data available

Specific Gravity (Density)

No data available

Partition Coefficient : n- No data available

Octanol/Water

Auto-Ignition Temperature No data available

Decomposition No data available

Temperature

Viscosity No data available Kinematic viscosity No data available

Section 10 - STABILITY AND REACTIVITY

Reactivity

Chemical stability

Possibility of Hazardous

No data available

No data available

Reaction

Conditions to Avoid No data available Incompatible Substances or No data available

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 Sensitization No data available

Skin Sensitization

Germ Cell Mutagenicity

No data available
Carcinogenicity

No data available
Reproductive Toxicity

No data available
Specific target organ

No data available

toxicity (single exposure)

Specific target organ No data available

toxicity (repeated

exnosure)

Aspiration Hazard No data available

Section 12 - ECOLOGICAL INFORMATION

Hazardous to the aquatic No data available

environment (acute)

Hazardous to the aquatic No data available

environment (long-term)

Hazardous to the ozone No data available

laver

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.

When commissioning the disposal to a disposal

company, notify the danger and toxicity thoroughly to

the company

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.

Contaminated Container

and Packaging disposal under the related laws and regulations and

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the standards of the local governments.

In case of disposal of empty containers, remove the

Recycle containers after cleansing, or carry out the

content thoroughly.

Section 14 - TRANSPORT INFORMATION

International Regulations Regulatory Not applicable

Information by Sea

Marine Pollutant Not applicable

Transport in bulk Not applicable

according to MARPOL 73/78, Annex $\, \mathbb{I} \,$, 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 $\, {
m I\hspace{-.1em}I}$,and

the IBC code

Regulatory Not applicable

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 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