

87316-9331

WDX16-DZ, PENTEL CO., LTD., 1, 2022/01/28, 1/8

Safety Data Sheet (SDS)

Preparation Date 2020/04/17

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Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier WDX16-DZ
Product Code WDX16DZ001
Company Name PENTEL OF AMERICA
Address 2715 Columbia Street, Torrance, CA 90503
Company Contact Phyllis Wang, TQC Manager
Phone Number 1-909-975-2232
Mail Address hwang@pentel.com
Emergency Phone Number 1-800-222-1222
Recommended Use ink
and Restriction on Use
XGFH-DZ

Section 2 – HAZARDS IDENTIFICATION

GHS Classification

Health Hazards Acute toxicity (Inhalation: vapour) Category 4
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 (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+H320 Causes skin and eye irritation
H413 May cause long lasting harmful effects to aquatic life
H335 May cause respiratory irritation
H303 May be harmful if swallowed

Precautionary Statements

Prevention
Precautionary
Statements

Do not breathe mist, vapours and spray.(P260)

Do not get in eyes, on skin, or on clothing.(P262)

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Response Precautionary Statements	Avoid release to the environment.(P273) Wear protective gloves, protective clothing, eye protection and face protection.(P280) Obtain special instructions before use.(P201) Do not handle until all safety precautions have been read and understood.(P202) IF SWALLOWED :Call a doctor if you feel unwell.(P301+P312)	
	IF ON SKIN: Gently wash with plenty of soap and water.(P302+P350) If skin irritation or rash occurs, get medical advice and attention.(P333+P313) If experiencing respiratory symptoms: Call a doctor.(P342+P311) In case of fire: Use appropriate media for extinction.(P370+P378) Collect spillage.(P391) 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 Precautionary Statements	Get medical advice and attention if you feel unwell.(P314) If eye irritation persists: Get medical advice and attention.(P337+P313) Store locked up.(P405)	
	Protect from sunlight. Store in a well-ventilated place.(P410+P403) Store at temperatures not exceeding appropriate temperature.(P411)	
Disposal Precautionary Statements	Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)	

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.	
Diethylene Glycol	7%	HOCH ₂ CH ₂ OCCH ₂ CH ₂ OH	(2)-415	Existing	111-46-6
Paraffin wax	1.266%		Unknown	Unknown	8002-74-2

Impurities and/or
Stabilizing Additives which
Contribute to the

No information available

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Section 4 – FIRST AID MEASURES**Inhalation**

Get medical advice and attention if you feel unwell.

If experiencing respiratory symptoms: Call a doctor.

Skin Contact

Rinse skin with water or shower.

If skin irritation or rash occurs, get medical advice and attention.

Wash with plenty of soap and water.

Wash contaminated clothing before reuse.

Get medical advice and attention if you feel unwell.

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.

Rinse cautiously with water for several minutes.

Get medical advice and attention if you feel unwell.

Ingestion

Rinse mouth.

Get medical advice and attention if you feel unwell.

Section 5 – FIRE FIGHTING MEASURES**Extinguishing Media**

Large fires: Water spray, fog or regular foam.

Use plenty of water—FLOOD it ! If water is not available, use CO2, dry chemical or dirt.

Small fires: Water spray or fog is preferred; if water not available use dry chemical, CO2 or regular foam..

Specific Fire Fighting

Use extinguishing agent suitable for type of surrounding fire.

Non-combustible, substance itself does not burn.

Move containers from fire area if you can do it without risk.

Cool containers with flooding quantities of water until well after fire is out.

In surrounding fire, move containers instantly to safe place, if movable.

Flood fire area with water from a distance.

Use extinguishing agent suitable for type of surrounding fire.

For massive fire, flood fire area with water from distance.

Protection of Fire Fighter

In fire fighting, wear respiratory protection and chemical protective clothing.

Section 6 – ACCIDENTAL RELEASE MEASURES**Personal Precautions,
Protective Equipment and
Emergency Procedures**

Evacuate area.

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Environmental Precautions Methods and Equipment for Containment and Cleaning up	Ventilate closed spaces before entering. Fully encapsulating vapor protective clothing should be worn for spills and leaks with no fire.	
	Isolate the hazard area and deny entry to unnecessary and unprotected personal. Isolate the site as a leak area by providing a zone that has an appropriate width to all directions.	
	Keep unauthorized personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.	
	Do not release into the environment. Stop leak if you can do it without risk.	
	Large spills; prevent flowing out with a dike and pump it. Collect the leakage by scraping up and put it into an empty container that can be closed tightly. Dispose of it later. Cover with dry earth, sand or grinded limestone and collect into container. Allow material to solidify, and scrape up. Small spills; absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for later disposal.	
Prevention Measures for Secondary Accidents	Prevent flowing into drain, sewage, basement, and closed area. Cleanse the floor surface frequently not to cause slipping.	
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	May irritate eyes and a mouth. Be careful enough in use. Do not inhale contents intentionally. Handle at a well-ventilated place. Handle containers gently not to give shock or fall down. Protect from high temperature and direct sunlight. Do not swallow. Do not breathe mist, vapours and spray. Do not contact with eyes and skin. Wash hands after handling. Obtain special instructions before use.

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Storage Precautionary Statements	Prevents Handling of Incompatible Substances or Mixtures	Refer to "Section 10 – STABILITY AND REACTIVITY".
	Specific Hygiene Measures	Wash hand thoroughly after handling.
	Conditions for Safe Storage	Refer to "Section 10 – STABILITY AND REACTIVITY". Store locked up. Store in accordance with local, regional and national regulations. Do not leave without using in a prolonged period. Store in a well-ventilated place. Have containers keep away from direct sunlight and heat.
	Material Used in Packaging/Containers	Store in a tightly closed container. Packaging materials and containers are not legislated, but use sturdy and closed-type containers. Do not handle until all safety precautions have been read and understood.

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	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
	Colour	silver
Odour		odorless
Odour threshold		No data available
pH		8 ~ 9.5
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

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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. Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material.
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Contaminated Container and Packaging	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.
	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 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	Not applicable
	Regulatory Information by Road or Rail	Not applicable
	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
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
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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. and Pentel of America, Ltd. We do not assume any legal responsibility for the use of or the reliance of this information. Consumer Good and Office Products as such, art and writing instruments must conform to CPSC guidelines in accordance with LHAMA and must be labeled properly to protect the consumer and do not require an MSDS or SDS for this purpose. This SDS is for Chemical content in the manufacturing and transport process as raw materials not the finished product. It is a system that has been checked and safe to be used by consumers. The product itself does not require an SDS or MSDS as it is safe when used as intended and has been tested in accordance with LHAMA and ASTM D4236 by Duke University in the ACMI and WIMA programs and is determined Non-Toxic to humans and requires no labeling of the product itself. OSHA controls MSDS and SDS guidelines and these documents are intended to protect the workers in the environment they perform their duties in their respective manufacturing process to create the products themselves. Potential exposures, handling instructions, recommended PPE and Transportation Information contained is for this process and expressly for these activities. OSHA has defined these items as Articles.