

87316-4001

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

Safety Data Sheet (SDS)

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Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier WDX16-DF
 Product Code WDX16DF001
 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-DF

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 Do not breathe mist, vapours and spray.(P260)
 Statements Do not get in eyes, on skin, or on clothing.(P262)
 Avoid release to the environment.(P273)

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Response Precautionary Statements	<p>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)</p> <p>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) 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)</p>
Storage Precautionary Statements	<p>Protect from sunlight. Store in a well-ventilated place.(P410+P403) Store at temperatures not exceeding appropriate temperature.(P411)</p>
Disposal Precautionary Statements	<p>Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)</p>

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 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

Section 4 – FIRST AID MEASURES

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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	Use plenty of water—FLOOD it ! If water is not available, use CO2, dray chemical or dirt. Large fires: Water spray, fog or regular foam. Small fires: Water spray or fog is preferred; if water not available use dray chemical, CO2 or regular foam.. Use extinguishing agent suitable for type of surrounding fire.
Specific Fire Fighting	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. For massive fire, flood fire area with water from distance. Use extinguishing agent suitable for type of surrounding fire.
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	Isolate the site as a leak area by providing a zone that has an appropriate width to all directions. Keep unauthorized personnel away.

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Environmental Precautions

Methods and Equipment
for Containment and
Cleaning up

Stay upwind.
Ventilate closed spaces before entering.
Wear appropriate personal protective equipment (Refer to "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION") and avoid inhalation or contact with eyes and skin.
Fully encapsulating vapor protective clothing should be worn for spills and leaks with no fire.
Keep out of low areas.
Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Do not release into the environment.
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.
All equipment used when handling the product must be grounded.

Stop leak if you can do it without risk.
A vapor suppressing foam may be used to reduce vapors.
Small spills; cover with DRY earth, DRY sand, or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain.

For Chlorosilanes; use AFFF alcohol-resistant medium expansion foam to reduce vapors.
Allow material to solidify, and scrape up.
This material creates a fire hazard because it floats on water. If possible, try to contain floating material.

After removal, flush contaminated area thoroughly with water.
Vapor can be controlled using a water fog. Water streams should not be directed to the liquid as this will cause the liquid to boil and generate more vapor.

Reduce airborne dust and prevent scattering by moistening with water.
Small spills; absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for later disposal.
Small spills; Use clean non-sparking tools to collect material and place it into loosely covered plastic containers for later disposal.
Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
Vacuum or sweep up material and place in a disposal container.

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Prevention Measures for Secondary Accidents

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.
 Remove from water surface by skimming or with suitable absorbents. Do not use dispersants.
 Removes all ignition sources promptly. (Prohibition of smoking, sparks, and flames in the surrounding area).

Prevent flowing into drain, sewage, basement, and closed area.
 Do not get water inside containers.
 Prevent dispersion by covering with plastic sheets.
 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

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.

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.
 Store in accordance with local, regional and national regulations.
 Do not leave without using in a prolonged period.
 Store in a well-ventilated place.
 Store in a tightly closed container.
 Have containers keep away from direct sunlight and heat.

Material Used in Packaging/Containers

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

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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 chemical splash goggles and standard face shield.
	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	orange
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
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

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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.
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	Not applicable
	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

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Regulations in Japan	Regulatory Information by Road or Rail	Not applicable
	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
	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
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. 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.