

Safety Data Sheet (SDS)

Revised Date 2019/02/07

Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	O D F 4 — D
Product Code	ODF4D00001
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

N50-A, N50-B, N50-C, N50-D, N50-E, N50-F, N50-G, N50-V
N60-A, N60-B, N60-C, N60-D

Section 2 - HAZARDS IDENTIFICATION

GHS Classification

Physicochemical Hazards	Flammable liquids Category 3
Health Hazards	Acute toxicity (Inhalation: vapour) Category 4 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Reproductive toxicity Category 1B Specific target organ toxicity (single exposure) Category 1(liver,respiratory apparatus,kidney,central nervous system) Specific target organ toxicity (single exposure) Category 3(narcotic effect,respiratory tract irritation) Specific target organ toxicity (repeated exposure) Category 1(respiratory apparatus,nervous system)
Environmental Hazards	Hazardous to the aquatic environment (acute) Category 2 Hazardous to the aquatic environment (long-term) Category 2 Other hazards than mentioned above are Not applicable or Classification not possible.

GHS Label Elements

Symbols



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Signal Word	Danger
Hazard Statements	<p>H226 Flammable liquid and vapour</p> <p>H315 Causes skin irritation</p> <p>H319 Causes serious eye irritation</p> <p>H332 Harmful if inhaled</p> <p>H335 May cause respiratory irritation</p> <p>H336 May cause drowsiness or dizziness</p> <p>H360 May damage fertility or the unborn child</p> <p>H370 Causes damage to liver, respiratory apparatus, kidney, central nervous system</p> <p>H372 Causes damage to respiratory apparatus, nervous system through prolonged or repeated exposure</p> <p>H411 Toxic to aquatic life with long lasting effects</p>
Precautionary Statements	
Prevention Precautionary Statements	<p>Keep container tightly closed.(P233)</p> <p>Keep cool.(P235)</p> <p>Avoid breathing gas.(P261)</p> <p>Avoid breathing dust and fume.(P261)</p> <p>Avoid breathing mist, vapours and spray.(P261)</p> <p>Wear protective gloves, eye protection and face protection.(P280)</p> <p>Wash hand thoroughly after handling.(P264)</p> <p>Do not eat, drink or smoke when using this product.(P270)</p> <p>Use only outdoors or in a well-ventilated area.(P271)</p>
Response Precautionary Statements	<p>IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.(P304+P340)</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338)</p> <p>Get medical advice and attention if you feel unwell.(P314)</p> <p>If skin irritation occurs: Get medical advice and attention.(P332+P313)</p> <p>If eye irritation persists: Get medical advice and attention.(P337+P313)</p>
Storage Precautionary Statements	<p>Store in a well-ventilated place keeping container tightly closed.(P403+P233)</p> <p>Store locked up.(P405)</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.	

Xylene	51.09%	C8H10	(3)-3 (3)-60	Existing	1330-20-7
1-ethoxy-2-Propanol	14.7%		(7)-97	Existing	1569-02-4
Isobutyl alcohol	14.7%	C4H10O	(2)-3049	Existing	78-83-1

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.

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
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.

Unsuitable Extinguishing
Media

Straight streams.

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

Wear appropriate personal protective equipment (Refer to
"Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION")
and avoid inhalation or contact with eyes and skin.

Environmental Precautions

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.

Methods and Equipment
for Containment and
Cleaning up

Stop leak if you can do it without risk.

Small spills; cover with DRY earth, DRY sand, or other non-
combustible material followed with plastic sheet to minimize
spreading or contact with rain.

Allow material to solidify, and scrape up.

After removal, flush contaminated area thoroughly with water.

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.

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

Prevention Measures for Secondary Accidents

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 Do not eat, drink or smoke when using this product.

Wash hand thoroughly after handling.
Use exhaust ventilation.
Avoid contact with eyes.
Avoid swallowing.
Avoid contact with skin.
Avoid breathing gas.
Avoid breathing mist, vapours and spray.
Handle at a well-ventilated place.
Protect from high temperature and direct sunlight.
Refer to "Section 10 - STABILITY AND REACTIVITY".

Storage Precautionary Statements

Prevents Handling of Incompatible Substances or Mixtures
Specific Hygiene Measures
Conditions for Safe Storage

Wash hand thoroughly after handling.
The storage facility should be provided with necessary lighting, lighting equipment, and ventilator to store and handle dangerous goods.
Refer to "Section 10 - STABILITY AND REACTIVITY".

Have containers keep away from direct sunlight and heat.

Keep away from heat.
Store in a tightly closed container.
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	Respiratory Protection	Use personal respiratory equipment as required.
	Hand Protection	Wear protective gloves.
	Eye Protection	Wear eye protection. Protection glasses (ordinary glasses, ordinary glasses with side shields, and goggles).

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State	liquid
	Form	liquid
	Colour	green
Odour		characteristic
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		24.1°C (Tag Closed Cup)
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. 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 Conform to the provisions of IMO. UN No. 1263 Proper Shipping Name PAINT Class 3 Packing Group III Marine Pollutant Not applicable Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code Not applicable Regulatory Information by Air Conform to the provisions of ICAO/IATA. UN No. 1263 Proper Shipping Name PAINT Class 3 Packing Group III
Regulations in Japan	Regulatory Information by Road or Rail Not applicable Regulatory Information by Sea Conform to the provisions of the Ship Safety Law.

UN No.	1263
Proper Shipping Name.	PAINT
Class	3
Packing Group	III
Marine Pollutant	Not applicable
Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable
Regulatory Information by Air	Conform to the provisions of the Civil Aeronautics Law.

UN No.	1263
Proper Shipping Name.	PAINT
Class	3
Packing Group	III
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.