SAFETY DATA SHEET

Issued Date 2018/7/9 Revision Date 2023/8/7

1. Identification

* Product name Wood Atelier Exterior Color Ice Blue

* Reference number 28605

* Company Washin Paint Co.,Ltd.

* Company address 2100-18 Kamiyoshiba Satte-shi Saitama-ken 340-0121 Japan

* Section concerned Engineering Department

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* Product kind Water based antiseptic and insecticide paint for wood

* Principal use Wood paint

2. Hazards identification

[Classification]

Hazarda	Category	Signal word
Hazards	Hazard statement	
Flammable liquids	Not classified	
Transmable riquids		
Acute toxicity Oral	Not classified	
Acute toxicity Dermal	Not classified	
	N	
Acute toxicity Gasas	Not applicable	
	Not classified	
Acute toxicity Vapours	Not classified	
	Not classified	
Acute toxicity Mists		
CI: /: .; .;	Not classified	
Skin corrosion/irritation		,
Serious eye damage/eye irritation	Not classified	
Serious eye damage/ eye irritation		
Respiratory sensitization	Not classified	
Trooping of Total Laction		
Skin sensitization	Not classified	
Germ cell mutagenicity	Not classified	
	Not classified	
Carcinogenicity	Not classified	
	Not classified	
Reproductive toxicity	Not classified	
Specific target organ systemic toxicity	Not classified	
Single exposure		
Specific target organ systemic toxicity	Not classified	
Repeated exposure		•
Aspiration hazard	Not classified	
May a livit flazaru		
Hazardous to aquatic environment	Not classified	
Acute		
Hazardous to aquatic environment	Not classified	
Chronic	<u> </u>	
Hazardous to the ozone layer	Classification not possible	
	s the signal word "Worning" should not	

^{*} If the signal word "Danger" applies, the signal word "Worning" should not appear.

^{*} For the details with "Specific target organ systemic toxicity", refer to "11.Toxicological information".

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There is not a corresponding symbol.

[Precautionary statement]

(Prevention)

- * Obtain and understand special instructions before use.
- * Don't eat, drink or smoke when using this product.
- * Wear protective gloves and eye/face protection when it needs.
- * Wash hands thoroughly and gargle after handling.

(Response)

- * In case of fire, use carbon dioxide/powder/foams for extinction.
- * If in eyes: Rince cautiously with water, get medical advice/attention.
- * If on skin or cloth: Wash with plenty of soap and water. Take off contaminated clothing and exchange it.
- * If skin irritation occurs, seek medical advice/attention.
- * If exposed or concerned: Get medical attention/advice.

(Strage)

* Store container in the place which well-ventilated and cool.

(Disposal)

- * Don't dispose contents/container to the river and the sewage.
- * Dispose contents/container in accordance with local/regional/national regulation.
- * This is the common precautionary statement for water based paint.

3. Composition/information on ingradients

Property

Mixture

Product kind

Water based antiseptic and insecticide paint for wood

Chemical name	Weight (%)	CAS No.	Chemical structure	Notice duty
propylene glycol	1~5	57-55-6	C3H8O2	_
additive	1~5	_	_	_
titanium dioxide	5 ~ 10	13463-67-7	TiO	0
resin	20~30	_	_	_
water	60~70	7732-18-5	H2O	_

4. First-aid measures

(When swallowing)

- * Without making vomit by force, be rested and have a medical attention.
- * The vomit doesn't make swallow. Get medical attention.

(When inhaling)

* Remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice/attention if you feel unwell.

(When adhering to the skin)

- * Wipes up quickly with cloth and washes it off sufficiently using plenty of water and soap. Don't use organic solvent, thinner and so on.
- * If you get damage or feel pain, seek medical advice/attention.

(When entering eyes)

- * Wash for more than 15 minutes with a plenty of water at once.
- * Get a medical attention as fast as possible.

5. Fire-fighting measures

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( Suitable extinguishing media )
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* Water (\bigcirc), Carbon dioxide (\bigcirc), Foams (\bigcirc), Powder (\bigcirc), Dry sand (\bigcirc), Other (), (Specific hazards arising from the chemical)

- * This substance is not inflammable but the dry material is inflammable.
- * When burning, there is possibility to make carbon monoxide occur.

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(Specific extinguishing method)

- * Tell Fire Service the place and the dangerous/hazardous property.
- * Prevent outflow being in water pipe or watercourse.
- * Wear respiratory-protective-equipment and protective-glove.
- * Remove combustibles quickly from the surrounding area.
- * Uses the suitable extinguishing media.
- * Do fire fighting from the windward.

(Special protective equipment and precautions for fire-fighters)

★ Wear respiratory−protective−equipment, chemical−defense clothes/glove/boots,/glasses/mask as occasion demands.

6. Accidental release measures

(Personal precautions, protective equipment and emargency prosedures)

* Wear protective equipments (gloves, protective mask, apron and goggles).

(Environmental precautions)

- * Prevent outflow being in water pipe or watercourse.
- * When water pipe or watercourse are polluted, contact organs concerned.

(Methods and materials for containment and cleaning up)

- * Collects outflow to the container which can be shut, and move it to the safe place.
- * Prevent outflow using dry sand, earth or other imcombustible material, and make absorb residue to collect it.
- * It may use water sprayer to absorb the diffusion of vapour.
- * Dispose wastes based on the regurations concerned.

7. Handling and storage

(Handring: Technical measure)

- * Handle this based on the related laws (Industrial Safety and Health Law, Fire Defense Law, etc.).
- * Forrow the operation-standard, keep working atmosphere below TLV, promote ventilation.
- * After handling, wash hands with soap water. It should wash work clothing separately.

(Handring: Notice)

- * Avoid contact with strong oxidizing reagent.
- * It has a fear of causing a reaction by heating, acidic material and alkaline material.
- * Use the container which has no damage, no corrosion and no breakage.
- * Gather used containers to the decided safekeeping place.

(Storage)

* Store container tightly closed in the place which well-ventilated and cool.

8. Exposure controls/personal protection

Standard control concentration, threshold limit value etc.

(Control parameters e.g. occupational exposure limit values or biological limit values)

Chemical name		Tthreshold limit value	ACGIH (TLV)	PRTR
propylene glycol	_	_	_	_
additive	_	_	_	_
titanium dioxide	_	_	10mg/m3	_
resin	_	_	_	_
water	_	_	_	_

(Equipment measure)

- * Set up safe shower, bathroom and face washing near the work area, and display the position.
- * Show the signs such like 'NO UNAUTHORIZED ENTRY'.

(Protection measure)

- f * As occasion demands, wear following guards appropriately.
 - air-supplied respirator, air SCBA, oxygen SCBA, chemical-cartridge respirator, protective glasses, protective gloves, protective boots, protective clothing,
- * Check protective equipments regularly by the check list.
- * Don't eat, drink or smoke when using this product.
- * Wash hands with soap before eat, drink or smoke.
- * The person who showed the symptom of the asthma once should not contact this chemical because he may cause the same symptom.
- * Contact lens bring about special harm.

Don't use soft contact lens because it absorbs irritant and has possibility to concentrate them.

* Wear chemical-proof type protective gloves and antistatic protective shoes.

9. Physical and chemical properties

(Physical state: Liquid)

Colour	Indicate in the product name	Density	1.10	$g/mL(25^{\circ}C)$	Flash point	Not
Odour	Slight resin odour	PH	7 – 9		Ignition point	No data
Boiling point	No data	Solbility	No data		Flammability or	explosive limits
Vapour pressu	re No data	Partiton coe	fficient n-oct	anol/water	Lower	No data
			No data		Upper	No data

10. Stability and reactivity

(Chemical stability)

- * The product seems to be stable.
- * It has a possibility of the dangerous/harmful reaction.
- * It reacts to the oxidizing materials.
- * No other reactions were informed.

(Conditions to avoid)

- * Heating, Contact with the avoidance, Ignition source.
- st Degradation product which has dangerous/hazardous property.
- * Vapour of organic solvent.
- * Heat, light, metal powder and peroxide.

11. Toxicological information

Chemical name	Acute toxicity	Acute toxicity				
Gnemical name	Oral	Dermal	Gasas	Vapours		
propylene glycol	Not classified	Not classified	Not classified	Classification not possible		
additive	Classification not possible	Classification not possible	Not classified	Classification not possible		
titanium dioxide	Not classified	Not classified	Not classified	Classification not possible		
resin	Not classified	Not classified	Not classified	Not classified		
water	Not classified	Not classified	Not classified	Not classified		

Chemical name	Acute toxicity Mists		,	Respiratory sensitization
propylene glycol	Classification not possible	Not classified	Not classified	Classification not possible
additive	Classification not possible	Classification not possible	Classification not possible	Classification not possible
titanium dioxide	Not classified	Not classified	Classification not possible	Classification not possible
resin	Not classified	Not classified	Not classified	Not classified
water	Not classified	Not classified	Not classified	Not classified

Chemical name	Skin cencitization	Germ cell mutagenicity	(:arcinogenicity	Reproductive toxicity
propylene glycol	Not classified	Classification not possible	Classification not possible	Classification not possible
additive	Classification not possible	Classification not possible	Classification not possible	Classification not possible
titanium dioxide	Not classified	Classification not possible	Classification not possible	Classification not possible
resin	Not classified	Not classified	Not classified	Not classified
water	Not classified	Not classified	Not classified	Not classified

Chemical name	Specific target organ systemic	Aspiration hazard	
Chemical hame	Single exposure	Repeated exposure	Aspiration nazaru
propylene glycol	Classification not possible	Classification not possible	Classification not possible
additive	Classification not possible	Classification not possible	Classification not possible
titanium dioxide	Classification not possible	Classification not possible	Classification not possible
resin	Not classified	Not classified	Not classified
water	Not classified	Not classified	Not classified

^{*} Hazards information is peculiar to the chemicals. It doesn't change according to the content.

12. Ecological information

Chemical name	Hazardous to aquatic env	Hazardous to aquatic environment			
Chemical name	Acute	Chronic	Ozone layer		
propylene glycol	Not classified	Not classified	Classification not possible		
additive	Classification not possible	Classification not possible	Classification not possible		
titanium dioxide	Not classified	Category 4	Classification not possible		
resin	Not classified	Not classified	Classification not possible		
water	Not classified	Not classified	Classification not possible		

* Hazards information is peculiar to the chemicals. It doesn't change according to the content.

* Residual property/resolvability

There are not data as a mixture.

* Creature accumulation characteristics

There are not data as a mixture.

There are not data as a mixture.

13. Disposal consideration

- * Requests disposal to the agency who has solid-waste-treatment license.
- * When disposing container, dispose after removing a content fully.
- * Dispose of contents/container in accordance with local/regional/national regulation.

14. Transport information

(National regulation)

* There is not special regulation.

(International regulation)

* UN number Not

* UN classification It doesn't correspond to the danger according to the UN recommendation.

(Special precautions)

- * In case of transportation, carry "transportation notice" or "Yellow Card".
- * Confirm container tightly closed and no leaking before transportation.
- * In case of transportation, fix a container tightly and use buffering one as occasion demands.

15. Regulatory information

* Industrial Safety and Health Law

Dangerous goods

Ordinance on the Prevention of Organic Solvent Poisoning

Ordinance on Prevention of Lead Poisoning

Ordinance on Prevention of Hazards due to Specified Chemical Substances

Not applicable

Not applicable

* Pollutant Release and Transfer Register Law

Not listed

* Poisonous and Deleterious Substances Control Law

* Fire Defense Law

* Ship Safety Law

Not applicable

* Offensive Odor Control Low

Not listed

16. Other information

(Main reference)

- * National Institute of Tecnology and Evaluation Opend data
- * Japan Paint Manufacturers Association

Raw material data base

The guide book for the creating SDS and label $\mbox{ [mixture (paint)]}$

Model MSDS and label samples [mixture (paint)]

* Japan Industrial Safety and Health Association

The OJT text for the MSDS of mixture (chemicals) by GHS compatible

(Notice)

- * This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only.
- * It should not therefore be construed as guaranteeing any specific property of the product.
- * In case of use, set a safe conditions for handling.
- * All chemicals have possibility of unknown hazards, so it needs a due attention for handling.
- * Applicable scope of this document is only in Japan.