

SAFETY DATA SHEET

IGL COATINGS™ ECOSHINE WATERLESS



Material no.

Specification

154294

Revision date

16.02.2021

Version

1.15

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME : IGL Coatings™ ecoshine waterless
FUNCTION : Car wash cleaner and protective agent
COMPANY : Ominent Sdn Bhd
ADDRESS : No.7, Jalan Majistret U1/26, Hicom-Glenmarie Industrial Park, Seksyen U1, 40150 Shah Alam, Selangor.
PHONE : +60355690980
EMAIL ADDRESS : regulations@iglcoatings.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This product is not classified as physical, health or environmental hazards under GHS criteria.

2.2 Label Elements

Regulation (EC) No. 1272/2008

This product is not entitled for any hazard pictogram under GHS criteria.

Signal Word

None

Hazard statements

None

Precautionary statements

P102 Keep out of reach of children.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	Chemical Name			Quantity
	EC No.	Index No.	REACH No.	
	Classification according to Regulation (EC) No. 1272/2008 (CLP)			
7732-18-5	Water			80-100%
	231-791-2	Not applicable	Not applicable	
	Not applicable			
8006-44-8	Candelilla wax			0.1-1%
	232-347-0	Non-applicable	Non-applicable	
	Not applicable			
68920-66-1	Polyoxethylene Cetyl			0.1-1%
	500-236-9	Non-applicable	01-2119489407-26-0000	
	Skin Irr. 2: H315; Aquatic Chronic 2: H411			
9005-65-6	Sorbitan monooleate			0.1-1%
	500-019-9	Not applicable	Not Applicable	
	Not applicable			
18602-17-0	Methyl sulfate salt			0.1-1%
	242-443-4	Not applicable	Not applicable	
	Acute Tox. 4: H312; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410			
111-46-6	Di-ethylene Glycol			0.1-1%
	203-872-2	Non-applicable	01-2119457857-21-0000	
	Acute Tox. 4: H302			
64-02-8	Tetrasodium Salt of EDTA			0.1-1%
	200-573-9	Not applicable	Not Applicable	
	Eye Dam. 1: H318; Acute Tox. 4: H302			

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68002-96-0	Alcohols, C16-18, ethoxylated propoxylated			0.1-1%
	614-209-5	Not applicable	Not applicable	
	Aquatic Acute 1: H400; Acute Tox. 2: H330			

Additional information:

The exact percentage of some ingredients used in this product are considered to be proprietary and are withheld as confidential business information.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General Information

Take off contaminated clothing.

After Inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

After skin contact

Gently wash with plenty of water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for at least 15 minutes.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting.

In all cases of doubt, or when symptoms persist, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water spray, alcohol-resistant foam, dry chemical, carbon dioxide.

5.2 Unsuitable extinguishing media

High pressure water jet.

5.3 Special hazards arising from substance or mixture

None.

5.4 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.5 Unusual Fire Hazards:

None.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (Refer to section 8).

6.2 Environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder).

For large amounts: Pump off product.

Clean contaminated articles and floor according to the environmental legislation.

6.4 Reference to other sections

Safe handling: Refer to section 7

Personal protection equipment: Refer to section 8

Disposal: Refer to section 13

7. HANDLING AND STORAGE

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7.1 Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (Refer to section 8).

Advice on protection against fire and explosion

Not flammable.

Further information on handling

General protection and hygiene measures: Refer to section 8.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with food and feeding stuffs.

Further information on storage conditions

Keep the packing dry and well-sealed to prevent contamination.

Recommended storage temperature: 20-25 °C.

7.3 Specific end use(s): Refer to section 1.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Information: The lists valid during the making were used as basis.

8.2 Exposure Control

8.2.1 General protective and hygienic measures:

Wash hands before breaks and at the end of work.

8.2.2 Personal protective equipment:

Respiratory protection:

Respiratory protection in case of vapour/aerosol release.

Protection of hands:

Handle with gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Use protective gloves with the following specification:

Butyl / 0.7 mm / Level 6 > 480 min. In case of full contact

Butyl / 0.7 mm / Level 6 > 480 min. In case of spray contact

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Suitability for specific workplaces should be clarified with protective glove manufacturers. The above-mentioned hand protection is based on knowledge of the chemistry and anticipated uses of this product but it may not be appropriate for all workplaces. A hazard assessment should be conducted prior to use to ensure suitability of gloves for specific work environments and processes prior to use. Use impermeable gloves.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.

Body protection:

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point : 100 °C

Flash point : > 100 °C

Specific Gravity : 1.0

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Specific Density	: 1 g/mL
pH	: 8.0
Evaporation Rate	: 1.195 (water = 1)
Solubility in Water	: Water soluble
Appearance (colour)	: Milky White
Appearance (form)	: Opaque liquid
Odour	: Citrus

10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability: Stable under normal condition.

Thermal decomposition / conditions to avoid : No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: Avoid extreme temperatures and sunlight.

10.5 Incompatible materials: No information available.

10.6 Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Specified substance: Polyoxethylene Cetyl

Exposure route	Endpoint	Value	Species	Source
Oral	LD50	2000 mg/kg	Rat	ECHA
Dermal	LD50	2000 mg/kg	Rat	ECHA
Inhalation	LC50	1.6 mg/L	Rabbit	ECHA

Skin corrosion/irritation : Shall not be classified as corrosive/ irritant to skin

Serious eye damage/eye irritation : Shall not be classified as damage / irritant to eye.

Respiratory or skin sensitization : Shall not be classified as respiratory or skin sensitizer.

Summary of evaluation of the CMR properties : Shall not be classified as a germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Specific target organ toxicity – single exposure: No data available

Specific target organ toxicity – repeated exposure: No data available

Aspiration hazard: No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Specified substance: Polyoxyethylene Cetyl

Endpoint	Value	Species	Exposure time	Sources
LC50	108 mg/L	Fish	96 hours	ECHA
NOEC	110 – 330 µg/L	Fish	30 days	ECHA
EL50	51 mg/L	Aquatic invertebrates	48 hours	ECHA
NOEC	770 - 1750 µg/L	Aquatic invertebrates	21 days	ECHA
EC50	100 mg/L	Aquatic algae and cyanobacteria	72 hours	ECHA

Specified substance: Di-ethylene glycol

Endpoint	Value	Species	Exposure time	Sources
LC50	75.2 g/L	Fish	96 hours	ECHA
LC50	1.5 g/L	Fish	28 days	ECHA
EC50	10 g/L	Aquatic invertebrates	24 hours	ECHA
NOEC	1 g/L	Aquatic invertebrates	23 days	ECHA
EC50	6.5 – 13 g/L	Aquatic algae and cyanobacteria	72 hours	ECHA

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12.2 Process of degradability

Readily biodegradable.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Data are not available.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulation.

Sewage disposal-related information

Do not empty into drains.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

14. TRANSPORT INFORMATION

14.1 IATA-DGR

UN number : -
UN proper shipping name : Non dangerous goods
Transport hazard class(es) : -
Packing group : -
Environmental hazards : No
Special precautions for user : No data available.
Remarks : -

14.2 IMDG-Code

UN number : -
UN proper shipping name : Non dangerous goods
Transport hazard class(es) : -
Packing group : -
Environmental hazards : No
Marine pollutant : No
EmS Code : -

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

US Federal Regulations

US. Toxic Substances Control Act (TSCA)

All chemical substances in this material are included on the TSCA Inventory of Chemical Substances.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Hazardous Substance List

None present or none present in regulated quantities.

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Superfund Amendments and Reauthorization Act of 1986 (SARA)

Emergency Planning and Community Right-To-Know Act (EPCRA) Section 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

Emergency Planning and Community Right-To-Know Act (EPCRA) Section 313 Toxics Release Inventory (TRI) Reporting

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None present or none present in regulated quantities.

US. State Regulation

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

EU Regulation

EU. Directive 2012/18/EU (SEVESO III) on Major Accident Hazards Involving Dangerous Substances, Annex I:

Not applicable.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

16. OTHER INFORMATION

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material use in combination with any other materials or any process, unless specified in the test.