

SAFETY DATA SHEET

IGL COATINGS™ ECOSHINE NANOWAX



Material no.

Specification

Version

154293

1.15

Revision date

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

PRODUCT NAME : IGL Coatings™ ecoshine nanowax
FUNCTION : Carnauba wax for vehicle surface
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

Health hazards

Aspiration hazard Category 1
Acute Toxicity (Inhalation) Category 4
Skin Irritation Category 2
Single Target Organ Toxicity - Single Exposure Category 3

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS07



GHS08

Hazard statements

H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H332 Harmful if inhaled
H336 May cause drowsiness or dizziness

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash exposed skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTRE/doctor if you feel unwell.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P363 Wash contaminated clothing before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container to comply with local, state and federal regulations.

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)	
64742-47-8	Distillates (petroleum). hydrotreated light	71%
	265-149-8 649-422-00-2 01-2119484819-18-0000	
	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H336; Skin Irr. 2: H315; Aquatic Chronic 2: H411	
8002-74-2	Paraffin wax	16.5%

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	232-315-6	Not applicable	01-2119488076-30-0000	
	Not classified			
9002-88-4	Polyethylene wax			4.5%
	924-423-3	Not applicable	Not Applicable	
	Not classified			
64742-60-5	Hydrocarbon wax			3%
	265-163-4	Not applicable	01-2119488075-32-0000	
	Not classified			
8015-86-9	Carnauba wax			3%
	232-399-4	Not applicable	Not applicable	
	Not applicable			
63148-62-9	Dimethylsiloxanes			2%
	613-156-5	Not applicable	Not applicable	
	Eye Irr. 2: H319; Aquatic Chronic 2: H411			

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 soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if presence and easy to do.

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 Extinguishing media

Foam, water fog, dry chemical powder, carbon dioxide.

5.2 Special hazards arising from substance or mixture

Direct water jet.

5.3 Advice for firefighters

In case of a large fire or in confined or poorly ventilated spaces wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

5.4 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

Contain and add absorbent materials.

Treat the recovered material as prescribed in the section on waste disposal.

Clean contaminated articles and floor according to the environmental legislation.

6.4 Reference to other sections

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Safe handling: Refer to section 7

Personal protection equipment: Refer to section 8

Disposal: Refer to section 13

7. HANDLING AND STORAGE

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:

A self-contained breathing apparatus should be used to avoid the inhalation of the product.

Protection of hands:

Using glove where its material has to be impermeable and resistant to the product/ the substance/ the preparation.

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. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

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	: 177 °C
Percent Volatile	: 81.2 by weight
Specific Gravity	: 0.754 (at 25 °C)
Density	: 0.73 g/cm ³
Viscosity (cPs)	: Not applicable (solid at ambient)
Evaporation rate	: 0.04 (butyl acetate = 1)
Vapor density	: 4.6 (Air =1)
Freezing/melting point	: 65.6 °C
Appearance (colour)	: Translucent off white
Appearance (form)	: Solid

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Odour : Hydrocarbon solvent odour

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: Strong oxidizing agents

10.6 Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Exposure route	Endpoint	Value	Species	Source
Oral	LD50	5555.6 mg/kg	Rat	ECHA
Dermal	LD50	2222.2 mg/kg	Rabbit	ECHA
Inhalation	LC50	5.36 mg/L	Rat	ECHA

Skin corrosion/irritation: May cause mild skin irritation.

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

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: May causes aspiration hazards.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Specified substance: Distillates (petroleum). hydrotreated light

Endpoint	Value	Species	Exposure time	Source
LL50	2 -5 mg/L	Fish	96 hours	ECHA
EL50	1.4 mg/L	Aquatic invertebrates	48 hours	ECHA
EL50	810 - 890 µg/L	Aquatic invertebrates	21 days	ECHA
EL50	3 mg/L	Aquatic algae and cyanobacteria	72 hours	ECHA

Specified substance: Paraffin wax

Endpoint	Value	Species	Exposure time	Source
LL50	100 mg/L	Fish	96 hours	ECHA
LL50	10 g/L	Aquatic invertebrates	48 hours	ECHA

Specified substance: Hydrocarbon wax

Endpoint	Value	Species	Exposure time	Source
LL50	100 mg/L	Fish	96 hours	ECHA
LL50	10 g/L	Aquatic invertebrates	48 hours	ECHA

12.2 Process of degradability

No data available.

12.3 Bioaccumulative potential

No data 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

No data available.

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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.

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.

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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.