

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN PRECOAT



Material no.

Specification

Version

154281

1.0

Revision date

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05.02.2020

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

PRODUCT NAME : IGL Coatings™ ecoclean precoat
FUNCTION : Surface decontamination cleaner
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 hazard

Eye irritation Category 2

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS07

Signal Word

Warning

Hazard statements

H319 Causes serious eye irritation

Precautionary statements

P264 Wash exposed skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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)			
7732-18-5	Water			80-100%
	231-791-2	Not applicable	Not applicable	
	Not applicable			
68891-38-3	Sodium laureth sulphate			1-3%
	500-234-8	Not applicable	01-2119488639-16-0000	
	Skin Irr. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412			
67784-80-9	Ester derivative			0.1-1%
	267-055-2	Not applicable	Not applicable	
	Acute Aquatic Tox. 1: H400			
67-63-0	Isopropyl alcohol			0.1-1%
	200-661-7	603-117-00-0	01-2119457558-25-0000	
	Eye Irr. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336			
68439-46-3	Alcohol, C9-11, ethoxylated			0.1-1%
	614-482-0	Not applicable	01-2119980051-45-0000	
	Eye Irr. 2: H319			

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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 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 present 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 Suitable extinguishing media Extinguishing media

Foam, carbon dioxide, dry powder, water spray.

5.2 Unsuitable extinguishing media

No information available.

5.3 Special hazards arising from substance or mixture

In the event of fire, carbon dioxide and carbon monoxide might be released.

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

Contain and add absorbent materials (e.g. sand, peat, earth) and take up.

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

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).

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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:

In the case of insufficient ventilation, wear suitable respiratory equipment.

Protection of hands:

Use gloves when handling the product. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

Use gloves made of nitrile, natural latex, chloroprene or butyl 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: Safety goggles are recommended.

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

Appearance (colour)	: Yellow
Appearance (form)	: Liquid
Odour	: Fruity
Boiling Point	: 100 °C
Specific Gravity	: 1.02-1.05 (at 20 °C)
Density	: 1.01 g/cm ³
pH	: 6.0
Flashpoint	: > 60 °C
Evaporation Rate	: 1.158 (water = 1)

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Viscosity (cP) : Data not available.

Solubility in Water : Water soluble

10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability: Stable under normal condition.

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 and reducing agents.

10.6 Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Exposure route	Endpoint	Value	Species	Source
Oral	LD50	55459 mg/kg	Rat	ECHA
Inhalation	LC50	58.98 mg/L	Rat	ECHA
Dermal	LD50	48536.4 mg/kg	Rabbit	ECHA

Skin corrosion/irritation: Not skin irritating.

Serious eye damage/eye irritation: May cause eye irritation.

Respiratory or skin sensitization: No information available.

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: Isopropyl alcohol

Endpoint	Value	Species	Exposure time	Source
LC50	9.64 g/L	Freshwater fish	4 days	ECHA
EC50/LC50	10 g/L	Aquatic Invertebrates	24 hours	ECHA
EC10 or NOEC	1.8 g/L	Freshwater algae	7 days	ECHA

Specified substance Alcohol, C9-11, ethoxylated

Endpoint	Value	Species	Exposure time	Source
LC50	4-7 mg/L	Freshwater fish	4 days	ECHA
NOEC	110-330 µg/L	Freshwater fish	30 days	ECHA
EC50	2.5 mg/L	Aquatic Invertebrates	48 hours	ECHA
NOEC	770-1750 µg/L	Aquatic Invertebrates	21 days	ECHA
EC50	711-1978 µg/L	Aquatic algae	4 days	ECHA

Specified substance: Ester derivatives

Endpoint	Value	Species	Exposure time	Source
LC50	4.4 mg/L	Freshwater fish	4 days	ECHA
EC50	1.27 mg/L	Aquatic Invertebrates	48 hours	ECHA
NOEC	121 µg/L	Aquatic Invertebrates	21 days	ECHA
EC10	7.6 mg/L	Aquatic algae	4 days	ECHA
NOEC	120 µg/L	Aquatic algae	72 hours	ECHA

12.2 Process of degradability

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Readily biodegradable.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB Assessment

No data available.

12.6 Other adverse effects

Data are not available.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste. 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)

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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

Component	CAS No.
Isopropyl alcohol	67-63-0

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.