

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN MULTI



Material no.

Specification

Version

154298

1.15

Revision date

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

PRODUCT NAME : IGL Coatings™ ecoclean multi
FUNCTION : All-purpose 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 hazards

Acute Toxicity (Inhalation) Category 4
Eye Irritation Category 2
Skin Irritation Category 2

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS07

Signal Word

Warning

Hazard statements

H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled

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.
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.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTRE/ doctor if you feel unwell.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
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			30-60%
	231-791-2	Not applicable	Not applicable	
	Not applicable			

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67784-80-9	Methyl soyate			15-40%
	267-055-2	Not applicable	Not applicable	
	Not applicable			
9005-64-5	Polysorbate 20			5-10%
	500-018-3	Not applicable	01-2119971749-17-0001	
	Not applicable			
111-76-2	Butyl cellosolve			5-10%
	203-905-0	603-014-00-0	01-2119475108-36-0000	
	Acute Tox.4: H302; Skin Irr. 2: H315; Eye Irr. 2: H319			
6834-92-0	Sodium metasilicate			0.1-1%
	229-912-9	Not applicable	01-2119449811-37-0000	
	Skin Corr. 1B: H314; STOT SE 3: H335			

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

Immediately flush eye with large quantities of water for at least 15 minutes while holding the eye open.

Remove contact lenses, if presence and easy to do. Avoid contaminating unaffected eye.

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

Alcohol-resistant foam, dry chemical powder, carbon dioxide, water mist.

5.2 Unsuitable extinguishing media

Water in a jet.

5.3 Special hazards arising from substance or mixture

Hazardous combustion products may include carbon monoxide.

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

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Keep away from drains, water and soil.

Advise authorities if spilled material has entered water courses or sewer or has contaminated soil or vegetation.

6.3 Methods and material for containment and cleaning up

Absorb or contain liquid with sand, earth or spill control material.

Collect and place in a labelled sealable container for subsequent safe disposal.

Flush contaminated area with plenty of water. Put leaking containers in a labelled drum or over-drum.

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).

Avoid contact with skin. Do not breathe vapour.

Only use in well ventilated areas.

Keep container tightly closed when not in use.

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

Storage area should be cool and dry. Keep away from direct sunlight.

Keep in a well-ventilated place.

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. Gloves made from butyl rubber (breakthrough times >480 minutes), Neoprene™ rubber, nitrile rubber (breakthrough times up to 480 minutes) can be used.

Penetration time of glove material:

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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	: 100 °C
Specific Density	: 1.02 g/cm ³
Volatile Organic %	: 0.0 %
pH	: 13.0
Evaporation Rate	: 1.470 (water = 1)
Solubility in Water	: Water soluble
Appearance (color)	: Slightly Yellow
Appearance (form)	: Fluid
Odour	: Lemon Lime

10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability: Stable under normal condition. May form peroxides on prolonged exposure to air and light.
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 high temperatures and sources of ignition. Avoid prolonged exposure to air/oxygen and light.

10.5 Incompatible materials: Strong oxidizing agents.

10.6 Hazardous decomposition products: Oxides of carbon on combustion.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Exposure route	Endpoint	Value	Species	Source
Oral	LD50	10953 mg/kg	Guinea pig	ECHA
Dermal	LD50	3370 mg/kg	Rabbit	ECHA
Inhalation	LC0	13.72 mg/L	Guinea pig	ECHA

Skin corrosion/irritation: Causes moderate irritation to severe irritation when applied on the skin for a period of up to 24 hours.

Serious eye damage/eye irritation: Will cause eye discomfort and irritant.

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: Butyl Cellosolve

Endpoint	Value	Species	Exposure time	Source
LC50	1474 mg/L	Freshwater fish	96 hours	ECHA
LC50	1250 mg/L	Marine water fish	96 hours	ECHA
NOEC	100 mg/L	Fish	14 days	ECHA
EC50	1550 - 1800 mg/L	Aquatic invertebrates	48 hours	ECHA
EC10/LC10 or NOEC	100 mg/L	Aquatic invertebrates	-	ECHA

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Specified substance: Polysorbate 20

Endpoint	Value	Species	Exposure time	Source
LL50	100 mg/L	Fish	96 hours	ECHA
NOELR	10 mg/L	Aquatic invertebrates	21 days	ECHA
EL50	23.9 mg/L			
EL10	7.47 – 19.05 mg/L	Aquatic algae and cyanobacteria	72 hours	ECHA
EL50	20.24 – 58.84 mg/L			

12.2 Process of degradability

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

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

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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.

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.