

# SAFETY DATA SHEET

## IGL COATINGS™ ECOCLEAN MULTI



Material no.

Specification

Version

154298

2.00

Revision date

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16.05.2023

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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, 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

Eye Irritation Category 2  
Skin Irritation Category 3

#### 2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS07

##### Signal Word

Warning

##### Hazard statements

H316 Causes mild skin irritation.  
H319 Causes serious eye irritation.

##### Precautionary statements

P264 Wash hand 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.  
P332+P317 If skin irritation occur: Get medical help.  
P337+P317 If eye irritation persists: Get medical help.  
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			>90%
	231-791-2	Not applicable	Not applicable	
	Not applicable			
111-76-2	2-butoxyethanol			3-5 %
	203-905-0	603-014-00-0	Not applicable	
	Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315			

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68439-46-3	Ethoxylated alcohols (C=9-11)			1-3%
	614-482-0	Not applicable	Not applicable	
	Acute Tox. 4: H302; Eye Dmg. 1: H318; Aquatic Acute 2: H401			
497-19-8	Sodium carbonate			1-3%
	207-838-8	011-005-00-2	Not applicable	
	Eye Irrit. 2: H319			
6834-92-0	Disodium metasilicate			0.1-1%
	229-912-9	014-010-00-8	Not applicable	
	Skin Corr. 1B: H314; STOT SE 3: H335			
147170-44-3	Cocamidopropyl Betaine			0.1-1%
	931-333-8	Not applicable	Not applicable	
	Eye Dmg. 1: H318; Aquatic Chronic 3; H412			

#### 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).

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### 6.2 Environmental precautions

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

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## 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.

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

- i) 2-butoxyethanol: 20 ppm (8hr TWA) – ECHA

**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:

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

##### Protection of hands:

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

##### Material of gloves:

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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:

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

### Eye protection:

Wear tightly fitting goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	: 100 °C
Flash Point	: >100 °C
Specific Density	: 1.01 g/cm <sup>3</sup>
Volatile Organic %	: 0.0 %
pH	: 12.0 - 13.0
Solubility in Water	: Water soluble
Appearance (color)	: Yellow
Appearance (form)	: Fluid
Odour	: Orange

## 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
Oral	LD50	15853 mg/kg

**Skin corrosion/irritation:** Causes skin irritation.

**Serious eye damage/eye irritation:** Causes serious eye damage.

**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: 2-butoxyethanol

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: Ethoxylated alcohols (C=9-11)

Endpoint	Value	Species	Exposure time	Source
EC50	140 mg/L	Microorganisms	3 hours	ECHA

### Specified substance: 3-Amino-N-(carboxymethyl)-N,N-dimethyl-1-propanaminium, N-((C=8~18) and (C=18)-unsatd. acyl) derivs., inner salts

Endpoint	Value	Species	Exposure time	Source
EC50	1.5 mg/L	Freshwater Algae	4 days	ECHA
NOEC	0.3 mg/L	Freshwater Algae	3 days	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

No data available.

#### 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 : -

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### 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.

##### Korea Regulations

KECI: All chemical substances in this material are included and in compliance with the KECI inventory.

K-REACH: None present or none present in regulated quantities.

#### 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.