

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN GLUOFF



Material no.

Specification

154321

Revision date

25.01.2022

Version

2.1

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

PRODUCT NAME : IGL Coatings™ ecoclean gluoff
FUNCTION : Adhesive and glue remover
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

Eye damage Category 1
Skin Irritation Category 3

Environmental hazard

Aquatic - Acute Category 3

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS05

Signal word

Danger

Hazard statements

H316 Causes mild skin irritation.
H318 Causes serious eye damage.
H402 Harmful to aquatic life

Precautionary statements

P264 Wash hand thoroughly after handling.
P273 Avoid release to the environment.
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			>80%
	231-791-2	Not applicable	Not applicable	

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	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			
68439-46-3	Ethoxylated alcohols (C=9-11)			3-5%
	614-482-0	Not applicable	Not applicable	
	Acute Tox. 4: H302; Eye Dmg. 1: H318; Aquatic Acute 2: H401			
67-63-0	2-Propanol			3.00%
	200-661-7	603-117-00-0	Not applicable	
	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3:H336			
497-19-8	Sodium carbonate			3-5%
	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			
10043-35-3	Boric acid			<0.1%
	233-139-2	005-007-00-2	Not applicable	
	Repr. 1B: H360			
1310-73-2	Sodium hydroxide			<0.1%
	215-185-5	011-002-00-6	Not applicable	
	Acute Tox. 4: H312; Skin Corr. 1A: H314			

4. FIRST AID MEASURES

4.1 Description of first aid measures

General Information

Take off contaminated clothing.

After Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

After skin contact

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

After contact with eyes

Rinse immediately with plenty of water for at least 15 minutes.

Remove contact lenses, if presence and easy to do. Get medical attention if irritation develops and persists.

After ingestion

Rinse mouth with water. Immediately after ingestion: give lots of water to drink.

Do not induce vomiting. Get medical attention immediately.

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.

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5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

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

5.2 Unsuitable extinguishing media

Solid water jet ineffective as extinguishing medium.

5.3 Special hazards arising from the substance or mixture

Hazardous combustion products may include carbon monoxide.

5.4 Special firefighting procedure

Move container from fire area if you can do so without risk. Water runoff can cause environmental damage.

5.5 Advise for firefighters

Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat. Firefighters must use standard protective equipment including flame retardant coat, helmet, gloves, rubber boots, and self-contained breathing apparatus.

5.6 Unusual Fire Hazards:

Not known.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Stop engines and no smoking. No naked flames or sparks. Sparks- and explosion-proof appliances and lighting equipment. Keep container closed. Wash contaminated clothes. Wear personal protection equipment (Refer to section 8).

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

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).

Use care in handling/storage. Avoid release to the environment. Do not empty into drain. Do not breathe the mist or vapor. Provide adequate ventilation. Keep away from naked flame/heat. Keep away from ignition sources/sparks.

Advice on protection against fire and explosion

No information available.

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, dry place out of direct sunlight.

Advice on storage compatibility

Do not store together with food and feeding stuffs.

Further information on storage conditions

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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:

Specified substance: 2-propanol

ACGIH	ACGIH TWA	200 ppm (2-propanol; USA; Time-weighted average exposure limit 8 hrs; TLV-Adopted value)
ACGIH	ACGIH STEL	400 ppm (2-propanol; USA; Short time value; TLV-Adopted value)
OSHA	OSHA PEL (TWA)	980 mg/m ³
OSHA	OSHA PEL (TWA)	400 ppm

Specified substance: 2-butoxyethanol

ECHA	8 hours TWA	20 ppm
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Specified substance: Sodium Hydroxide

OSHA	OSHA PEL	2 ppm
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8.2 Exposure Control

8.2.1 General protective and hygienic measures:

Wash hands before breaks and immediately after handling the product with mild soap and water.

Wash contaminated clothes before reuse.

Handle in accordance with good industrial hygiene and safety practice.

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 must 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:

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

Eye protection: Safety glasses/goggles with side shields

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling point	: 100 °C
Flash point	: 65°C
Specific Gravity	: 1.00 g/cm ³
Melting point	: Not applicable
pH	: 11.0 – 12.0
Solubility in water	: Soluble
Appearance (colour)	: Yellow
Appearance (form)	: Liquid
Odour	: Orange

10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

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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: May causes mild skin irritation.

Eye damage: Causes serious eye damage.

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

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: May causes drowsiness or dizziness.

Specific target organ toxicity – repeated exposure: No data available.

Aspiration hazard: No data available.

12. ECOLOGICAL INFORMATION

12.1 Aquatic Toxicity

No data available

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

No data 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

Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals.

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

Do not discharge into surface water. Obtain the consent of pollution control authorities before discharging to wastewater treatment plants. Please consider the relevant national or regional provisions.

14. TRANSPORT INFORMATION

14.1 IATA-DGR

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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

Component	CAS No.
Sodium hydroxide	1310-73-2

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

Component	CAS No.
2-propanol	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.

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.

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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.