

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN AIO SPRAY

Material no.

Specification

Version

154341

Revision date

Page

22.04.2024

1 of 8



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

PRODUCT NAME : IGL Coatings™ Ecoclean AIO Spray
FUNCTION : Stain-removing agent
UFI : QUES-WEQA-E00P-T68E
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 : Category 4
Skin Corrosion/Irritation : Category 2
Eye Irritation : Category 2

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS07

Signal word

Warning

Hazard statements

H302 : Harmful if swallowed
H312 : Harmful if contact with skin
H315 : Causes skin irritation
H319 : Causes serious eye irritation

Precautionary statements

P260 : Do not breathe mist, vapours, spray.
P264 : Wash exposed skin thoroughly after handling.
P270 : Do not eat, drink or smoke when using this product.
P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 : IF ON SKIN: Wash with plenty of water.
P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 : Specific treatment (see Section 4).
P322 : Specific measurement (see Section 4).
P330 : Rinse mouth.
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 before reuse and wash it before reuse.
P363 : Wash contaminated clothing before reuse.
P501 : Dispose of contents/container to comply with local, state and federal regulations.

2.3 Other hazards:

The mixture does not contain PBT/vPvB substance.
The mixture does not contain endocrine disruptor.

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN AIO SPRAY

Material no.

Specification

Version

154341

3.00

Revision date

Page

22.04.2024

2 of 8



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			
				0.1-1%
		Not applicable	Not applicable	
	Not applicable			
7664-39-3	Hydrofluoric acid			0.1-1%
	231-634-8	009-002-00-6	Not applicable	
	Acute Tox. 1: H310; Acute Tox. 2: H330; Acute Tox. 2: H300; Skin Corr. 1A: H314			
16961-83-4	Fluorosilicic Acid			0.1-1%
	241-034-8	009-011-00-5	01-2119488906-19-0000	
	Skin Corr. 1B: H314			
7664-93-9	Sulphuric Acid			0.1-1%
	231-639-5	016-020-00-8	01-2119458838-20-0000	
	Skin Corr. 1A: H314			
68891-38-3	Sodium laureth sulphate			<0.1%
	500-234-8	Not applicable	01-2119488639-16-0000	
	Skin Irr. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412			
110615-47-9	Lauryl glucoside			<0.1%
	600-975-8	Not applicable	Not applicable	
	Skin Irrit. 2: H315; Eye Dam.1: H318			
134180-76-0	Polysiloxane			<0.1%
	603-798-4	Not applicable	Not applicable	
	Aquatic Chronic 2: H412; Acute Tox. 4: H322; Eye Irr. 2: H319			

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 water or shower. 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.

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN AIO SPRAY

Material no.

Specification

Version

154341

3.00

Revision date

Page

22.04.2024

3 of 8



In case of troubles or when symptoms persist, 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

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Unsuitable extinguishing media

No information available.

5.3 Special hazards arising from substance or mixture

No information available.

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

Dilute with water and mop up or absorb with an inert dry material and placed in an appropriate waste disposal container.

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).

Eating and drinking should be prohibited in the area where this product is handled.

Wash hands before breaks and at the end of work.

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 and 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: 10-40 °C.

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN AIO SPRAY

Material no.

Specification

Version

154341

3.00

Revision date

Page

22.04.2024

4 of 8



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, forearms and face before eating and at the end of work.

8.2.2 Personal protective equipment:

Respiratory protection: Respiratory protection in case of vapour/aerosol release.

Protection of hands:

Wear protective gloves. The glove 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.

Eye protection:

Safety glasses with side-shields.

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

Physical state	: Liquid
Colour	: Whitish translucent
Odour	: Lemon
Odour threshold	: Not available
pH	: ~1
Melting point/freezing point (°C)	: Not available
Boiling point or initial boiling point and boiling range (°C)	: 100 °C
Flash point (°C)	: 100 °C
Evaporation rate	: Not available
Flammability limit - lower (%)	: Not available
Flammability (gas, liquid, solid)	: Not available
Ignition temperature (°C)	: Not available
Lower and upper explosion limit	: Not available
Vapour pressure (20°C)	: Not available
Relative vapour density	: Not available
Relative Density (g/cm ³)	: ~1 g/cm ³
Bulk density (kg/m ³)	: Not available
Solubility in water (g/l, 20°C)	: Not available
Solubility in other polar and non-polar solvents (g/l, 20°C)	: Not available
Partition coefficient n-octanol/water (log Po/w, 20°C)	: Not available

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN AIO SPRAY

Material no.

Specification

Version

154341

3.00

Revision date

Page

22.04.2024

5 of 8



Auto-ignition temperature : Not available
Decomposition temperature : Not available
Kinematic viscosity (mm³/s) : Not available
Particle characteristics : Not applicable
Explosive properties : Not available
Oxidising properties : Not available

10. STABILITY AND REACTIVITY

10.1 Chemical stability: Stable under normal condition.

10.2 Reactivity: Reactive or incompatible with alkalis. Keep away of heat sources.

10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid: Avoid extreme temperature and direct sunlight.

10.5 Incompatible materials: No information available.

10.6 Hazardous decomposition products: No information available.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity: No information available.

Skin corrosion/irritation: May causes skin irritation.

Serious eye damage/eye irritation: May causes serious 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 information available.

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

Aspiration hazard: No information available.

11.2 Information on other hazards

Endocrine disrupting properties

The mixture does not contain endocrine disruptor

Other information

Not applicable

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Specified substance: |

Endpoint	Value	Species	Exposure time
EC50	> 1 mg/L	Water flea (Daphnia magna)	48 hours
EC50	0.7 mg/L	Green algae (scenedesmus subspicatus)	72 hours

Specified substance: Sulphuric acid

Endpoint	Value	Species	Exposure time	Source
LC50	16 mg/L	Freshwater fish	N/A	ECHA
LC50	100 mg/L	Aquatic invertebrates	48 hours	ECHA
EC10 or NOEC	100 mg/L	Freshwater algae	72 hours	ECHA

Specified substance: Fluorosilicic acid

Endpoint	Value	Species	Exposure time	Source
LC50	50 mg/L	Freshwater fish	4 days	ECHA
EC50	26-48 mg/L	Aquatic invertebrates	4 days	ECHA
EC50	43-122 mg/L	Freshwater algae	4 days	ECHA

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN AIO SPRAY

Material no.

Specification

Version

154341

3.00

Revision date

Page

22.04.2024

6 of 8



Specified substance: Hydrofluoric acid

Endpoint	Value	Species	Exposure time	Source
LC50	51 mg/L	Freshwater fish	4 days	ECHA
EC50/LC50	26 mg/L	Freshwater invertebrates	4 days	ECHA
EC50	43 mg/L	Freshwater algae	4 days	ECHA

Specified substance: Sodium laureth sulphate

Endpoint	Value	Species	Exposure time	Source
LC50	7.1 mg/L	Fish	96 hours	ECHA
NOEC	0.14-0.2 mg/L	Fish	28 days	ECHA
EC50	7.4 mg/L	Aquatic invertebrates	48 hours	ECHA
NOEC	0.27 mg/L	Aquatic invertebrates	21 days	ECHA
EC50	27.7 mg/L	Algae	72 hours	ECHA

Specified substance: Lauryl glucoside

Endpoint	Value	Species	Exposure time	Source
LC50	2.95 - 5.9 mg/L	Fish	96 hours	ECHA
NOEC	1 - 3.2 mg/L	Fish	28 days	ECHA
EC50	7 - 14 mg/L	Aquatic invertebrates	48 hours	ECHA
NOEC	1 - 4 mg/L	Aquatic invertebrates	21 days	ECHA
EC50	5 - 25 mg/L	Algae	72 hours	ECHA

12.2 Process of degradability

No data available.

12.3 Bio-accumulative 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 Endocrine disrupting properties

The mixture does not contain endocrine disruptor

12.7 Other adverse effects

No data available.

12.8 Additional information

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.

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN AIO SPRAY

Material no.

Specification

Version

154341

3.00

Revision date

Page

22.04.2024

7 of 8



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

This product contains the following substance subject to CERCLA Hazardous Substance List

Component	CAS No.
Hydrofluoric acid	7664-39-3
Sulphuric acid	7664-93-9

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Emergency Planning and Community Right-To-Know Act (EPCRA) Section 302 Extremely Hazardous Substance

This product contains the following substance subject to the reporting requirements of EPCRA Section 302

Component	CAS No.
Hydrofluoric acid	7664-39-3
Sulphuric acid	7664-93-9

Emergency Planning and Community Right-To-Know Act (EPCRA) Section 313 Toxics Release Inventory (TRI) Reporting

This product contains the following substance subject to the reporting requirements of EPCRA Section 313

Component	CAS No.
Sulphuric acid	7664-93-9

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.

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN AIO SPRAY

Material no.

Specification

Version

154341

3.00

Revision date

Page

22.04.2024

8 of 8



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

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.