

SAFETY DATA SHEET

IGL COATINGS™ MARINE SOLUTIONS DEODORISER



Material no.

Specification

154350

Revision date

20.02.2023

Version

1.00

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

PRODUCT NAME : IGL Coatings™ Marine Solutions Deodoriser
FUNCTION : Odor neutralizing agent
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

Not classified as physical, health or environmental hazards under GHS criteria.

2.2 Label Elements

Regulation (EC) No. 1272/2008

This product is not entitled for any hazard pictogram under GHS criteria.

Signal Word

None

Hazard statements

None

Precautionary statements

P102 Keep out of reach of children.

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			
13040-19-2	Zinc ricinoleate			3-5%
	235-911-4	Not applicable	01-2119956639-19-0001	
	Not applicable			
164462-16-2	Trisodium dicarboxymethyl alanite			0.1-1%
	605-362-9	Not applicable	Not applicable	
	Not applicable			
122-99-6	Phenoxyethanol			0.1-1%
	204-589-7	603-098-00-9	01-2119488943-21-0000	
	Acute Tox. 4: H302; Eye Irr. 2: H319			
77-92-9	Citric acid			0.1-1%
	201-069-1	Not applicable	01-2119457026-42-0000	
	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.

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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 several minutes.

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

Foam, carbon dioxide, dry powder, water spray.

5.2 Unsuitable extinguishing media

None.

5.3 Special hazards arising from substance or mixture

In the event of fire, the following can be released: carbon dioxide, carbon monoxide, zinc oxide.

5.4 Advice for firefighters

As in any fire, wear self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

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 drains or waterways must be avoided.

Do not discharge into subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up with absorbent materials.

Dispose of absorbed material in accordance with the regulation.

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).

Do not inhale gases/vapours/aerosols.

Advice on protection against fire and explosion

Not flammable.

Further information on handling

General protection and hygiene measures: Refer to section 8.

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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

Protect against UV-radiation/sunlight, heat and freezing.

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: Wear a respiratory mask with filter(s) AP or use a self-contained respirator.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

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.

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: Goggles 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

Boiling Point	: 100 °C
Flash Point	: 100 °C
Specific Gravity	: 1 (at 20°C)
Density	: 1.01 g/cm ³
Volatile Organic %	: 0 %
pH	: 8.5-9.5
Evaporation Rate	: 1.062 (water=1)
Solubility in Water	: Water soluble
Appearance (color)	: Transparent liquid
Appearance (form)	: Liquid
Odour	: Orange fragrance

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10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability: Stable under normal condition.

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 extreme temperature and direct sunlight.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Exposure route	Endpoint	Value	Species
Oral	LD50	107411 mg/kg	Rat
Dermal	LD50	48740 mg/kg	Rabbit

Skin corrosion/irritation: Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation: Shall not be classified as damage/irritant to eye.

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.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Specified substance: Citric acid

Endpoint	Value	Species	Exposure time	Source
LC50	440 mg/L	Freshwater fish	48 hours	ECHA
LC50	1535 mg/L	Aquatic invertebrates	24 hours	ECHA

Specified substance: Phenoxyethanol

Endpoint	Value	Species	Exposure time	Source
LC50	344 mg/L	Freshwater fish	96 hours	ECHA
EC10/LC10 or NOEC	23 mg/L	Freshwater fish	34 days	ECHA
EC50/LC50	488 mg/L	Aquatic invertebrates	48 hours	ECHA
EC10/LC10 or NOEC	9.43 mg/L	Aquatic invertebrates	21 days	ECHA
EC50	443 mg/L	Freshwater algae	72 hours	ECHA
EC10 or NOEC	159 mg/L	Freshwater algae	72 hours	ECHA

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

The substance is not PBT/vPvB.

12.6 Other adverse effects

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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

Do not empty into drains/sewers/water supplies.

Do not contaminate ponds, waterways or ditches with chemicals or used container.

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)

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

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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.

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.