

SAFETY DATA SHEET

IGL COATINGS™ INDUSTRIAL SOLUTIONS AEGIS CATALYST



Material no.

Specification

154383

Revision date

25.03.2024

Version

1.0

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

PRODUCT NAME : IGL Coatings™ industrial solutions aegis catalyst
FUNCTION : Catalyst
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 hazard

Specific target organ toxicity- Single Exposure Category 2
Acute Toxicity (Oral) Category 5
Acute Toxicity (Skin) Category 5

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS08

Signal word

Warning

Hazard statements

H303 May be harmful if swallowed.
H313 May be harmful in contact with skin.
H371 May cause damage to the immune system. Route of exposure:
Oral

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash hand thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P312 Call a POISON CENTER/doctor if you feel unwell.
P405 Store locked up.
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)			
68299-15-0	Bis(neodecanoyloxy)dioctylstannane			100%
	269-595-4	Not applicable	01-2120770890-48-0000	
	STOT SE 2; H371			

4. FIRST AID MEASURES

4.1 Description of first aid measures

General Information

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Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After Inhalation

Supply fresh air; consult doctor in case of symptoms.

After skin contact

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

After contact with eyes

Immediately flush with water for at least 15 minutes. Remove contact lenses, if present and easy to do. In case of troubles or persistent symptoms, consult a doctor.

After ingestion

Immediately get medical attention

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

No relevant information.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water spray, alcohol-resistant foam, dry powder or carbon dioxide. Fight larger fires with alcohol-resistant foam.

5.2 Unsuitable extinguishing media

No relevant information

5.3 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.4 Advise for firefighters

As in any fire, wear normal protective equipment (full bunker gear) and positive-pressure and self-contained breathing apparatus.

5.5 Unusual Fire Hazards:

Not known

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

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 eyes and skin.

Use only with adequate ventilation.

Advice on protection against fire and explosion

No special requirements.

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

Store in a cool place.

Keep container tightly closed in a cool, well-ventilated place. Protect against moisture.

Advice on storage compatibility

Do not store together with food and feeding stuffs.

Further information on storage conditions

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:

Dermal	Consumer: long-term systemic effects	0.00625 mg/kg bw/kg bw/d (human (calculated))
	Worker: long-term systemic effects	0.0175 mg/kg bw/kg bw/d (human (calculated))
Inhalative	Consumer: long-term systemic effects	0.0109 mg/m ³ (human (calculated))
	Worker: long-term systemic effects	0.0617 mg/m ³ (human (calculated))

Additional Information: The lists that were valid during the compilation 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. Ensure adequate ventilation.

8.2.2 Personal protective equipment:

Respiratory protection:

Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Protection of hands:

Use chemical resistance glove. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Example of suitable chemical protective gloves include Silver shield (TM), 4H(TM), butyl rubber, fluorinated rubber or PVA (4H) or other appropriate gloves/ gauntlets. 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/safety glasses are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling point	: 252°C
Vapour pressure at 20°C	: 0.000002 hPa
Density	: 1.041g/cm ³
Melting point	: <80°C
Flash point	: 125°C.
Auto-ignition temperature	: Not auto-ignition.
pH	: No data available
Solubility in water at 20°C	: 0.000168 g/l
Appearance (colour)	: Colourless to yellowish
Appearance (form)	: Liquid
Odour	: Characteristic.

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10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability: Stable under normal condition.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: Protect from moisture.

10.5 Incompatible materials: Water.

10.6 Hazardous decomposition products: In case of fire: see Section 5.

10.7 Hazardous polymerization: Carbon dioxide, carbon monoxide, tin oxide.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects: No data available

Acute toxicity May be harmful if swallowed.

May be harmful in contact with skin.

LD/LC50 values that are relevant for classification:

Oral	LD50	>2,000 mg/kg (rat) (Acute Oral Toxicity – Acute Toxic Class Method)
Dermal	LD50	>2,000 mg/kg (rat) (Acute Dermal Toxicity)

Skin corrosion/irritation: No data available.

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available.

Summary of evaluation of the CMR properties: Reproductive toxicant. Suspected of damaging fertility or the unborn child.

Specific target organ toxicity – single exposure: May cause damage to the immune system. Route of exposure: Oral.

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

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No further relevant information available.

12.2 Process of degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Remark: Harmful to aquatic organisms

Do not allow product to reach ground water, water bodies or sewage system.

12.5 Results of PBT and vPvB Assessment

Not applicable.

12.6 Other adverse effects

Not applicable.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Must be specially treated under adherence to official regulations.

Sewage disposal-related information

Do not empty into drains.

Do not dispose of the emptied container unless the contents have been completely removed and container has been flushed with a clean neutral solvent and then dried up. Do not dispose the emptied container unlawfully.

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

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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

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

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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.