

SAFETY DATA SHEET

IGL COATINGS™ ECOSHINE COMPOUND F1



Material no.

Specification

154307

Revision date

08.06.2022

Version

1.18

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

PRODUCT NAME : IGL Coatings™ ecoshine compound F1
FUNCTION : Cutting polishing compound
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

Carcinogenicity : Category 1B
Aspiration Hazard : Category 1

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS08

Signal Word

Danger

Hazard statements

H304 : May be fatal if swallowed and enters airways
H350 : May cause cancer

Precautionary statements

P203 : Obtain, read and follow all safety instructions before use.
P261 : Avoid breathing dust/fume/mist/vapours/spray.
P264 : Wash exposed skin thoroughly after handling.
P271 : Use only outdoors or in a well-ventilated area.
P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P301+P316 : IF SWALLOWED: Get emergency medical help immediately.
P318 : IF exposed or concerned, get medical advice.
P331 : Do NOT induce vomiting.
P403+P233 : Store in a well-ventilated place. Keep container tightly closed.
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)			
1344-28-1	Aluminium oxide			15-40%
	215-691-6	Not applicable	01-2119529248-35-0000	
	Not applicable			
7732-18-5	Water			10-30%
	231-791-2	Not applicable	Not applicable	
	Not applicable			
64742-47-8	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics			10-30%

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	265-149-8	649-422-00-2	01-2119484819-18-0000	
	Asp. Tox. 1: H304			
64742-94-5	Hydrocarbons, C10-C13, aromatic, <1% naphthalene			10-30%
	265-198-5	649-424-00-3	01-2119510128-50-0000	
	Asp. Tox. 1: H304			
72623-86-0	Lubricating oils, (petroleum), C15-C30, hydrotreated neutral oil-based			1-5%
	276-737-9	649-482-00-X	01-2119474878-16-0000	
	Carc. 1B: H350			
8001-79-4	Castor oil			0.1-1%
	232-293-8	Not applicable	Not applicable	
	Not applicable			
151-21-3	Sodium lauryl sulfate			0.1-1%
	205-788-1	Not applicable	01-2119489461-32-0000	
	Skin Irr. 2: H315; Eye Dam. 1: H318			

4. FIRST AID MEASURES

4.1 Description of first aid measures

After Inhalation

Get medical advice/attention immediately.
Remove victim to fresh air, away from the accident scene.
Take suitable precautions for rescue workers.

After skin contact

Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

After contact with eyes

Wash immediately with plenty of water for at least 15 minutes.
Remove contact lenses, if present and easy to do. Get medical advice/attention.

After ingestion

Rinse mouth thoroughly with water. Do not induce vomiting as there is high risk of aspiration.
In all cases of doubt, or when symptoms persist, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by the contained substances, refer to section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Information not available.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water, foam, dry chemical or carbon dioxide.

5.2 Unsuitable extinguishing media

Direct water jet.

5.3 Special hazards arising from substance or mixture

Hazards caused by exposure in the event of fire.
If large quantities of the product are involved in a fire, they can make it considerable worse.
Do not breath combustion products.

5.4 Advice for firefighters

Wear self-contained breathing apparatus and acid resistant clothing.
Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

5.5 Unusual fire hazards:

No information available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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Wear personal protection equipment (Refer to section 8).

6.2 Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3 Methods and material for containment and cleaning up

Collect the leaked product into a suitable container.

Evaluate the compatibility of the container to be used, by referring to section 10.

Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired.

Contaminated material should be disposed of in compliance with the provisions set forth in section 13.

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).

Advice on protection against fire and explosion

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters.

Further information on handling

General protection and hygiene measures: Refer to section 8.

Avoid leakage of the product into the environment.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in the original container.

Store in a well-ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition.

Keep containers away from any incompatible materials. (Refer to section 10)

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.

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:

In case of insufficient ventilation, wear self-contained breathing apparatus.

Protection of hands:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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. The types of gloves to be considered for this material include: If prolonged or repeated contact is likely, chemical-resistant gloves are recommended. If contact with forearms is likely, wear gauntlet-style gloves. Nitrile, CEN standards EN 420 and EN 374 provide general requirements and lists of glove types.

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: If contact is likely, safety glasses with side shields are 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	: 85 °C
Flash Point	: 85 °C
Evaporating rate	: 0.95 (water)
Viscosity	: 5127 cP
Appearance (Form)	: Viscous liquid
Appearance (Colour)	: Opaque white
Odour	: Odorless

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 further information available.

10.4 Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials: No information available.

10.6 Hazardous decomposition products: Material does not decompose at ambient temperature. In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects: No data available.

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

Serious eye damage/eye irritation: May cause mild eye irritation or eye damage.

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

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: May cause aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.

12.2 Process of degradability

Readily biodegradable.

12.3 Bioaccumulative potential

Information not available.

12.4 Mobility in soil

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Information not available.

12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

12.6 Other adverse effects

Information not available.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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 : -

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.

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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.
Aluminium oxide	1344-28-1

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

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.