

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN TAR

Material no.

Specification

Version

154304

Revision date

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

PRODUCT NAME : IGL Coatings™ ecoclean tar
FUNCTION : Tar, tree sap, road grime and bug 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

Specific Target Organ Toxicity – Repeated Exposure Category 1
Carcinogenicity Category 1B
Germ Cell Mutagenicity 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
H340 May cause genetic defects
H350 May cause cancer
H372 Causes damage to organs through prolonged or repeated exposure

Precautionary statements

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/fume/gas/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.
P308+P311 IF exposed or concerned: Call a POISON CENTRE/doctor.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P314 Get medical advice/attention if you feel unwell.
P363 Wash contaminated clothing before reuse.
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)			
7732-18-5	Water			60-80%
	231-791-2	Not applicable	Not applicable	
	Not applicable			

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8052-41-3	Stoddard solvent			10-30%
	232-489-3	649-345-00-4	01-2120261965-45-0000	
	Asp. Tox. 1: H304; Carc. 1B: H350; Muta. 1B: H340; STOT RE 1: H372			
14808-60-7	Quartz (SiO ₂)			5-10%
	238-878-4	Not Applicable	Not Applicable	
	STOT RE 1: H372			
112-34-5	n-Butyl Carbitol			1-3%
	203-961-6	603-014-00-0	01-2119475104-44-0000	
	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. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

In all cases of doubt, or when symptoms persist, seek medical advice.

After skin contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

After contact with eyes

Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if presence and easy to do.

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

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

5.2 Unsuitable extinguishing media

Water in a jet.

5.3 Special hazards arising from substance or mixture

Elevated temperatures can lead to the formation of irritating fumes and vapours.

Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides and hydrocarbons.

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

Avoid dispersal of spilled material and runoff and contact with soil, waterways.

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Inform the relevant authorities if the product has caused environmental pollution.

6.3 Methods and material for containment and cleaning up

Contain and add absorbent materials.

Treat the recovered material as prescribed in the section on waste disposal.

Clean contaminated articles and floor according to the environmental legislation.

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 skin.

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

Store in a segregated and approved area.

Keep in the original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials. Do not store in unlabelled containers.

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, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing.

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:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

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, Neoprene™ rubber or nitrile rubber can be used.

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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 during refilling.

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	: 94 °C
Specific Density	: 1.00 g/mL
Volatile Organic %	: 0.0 %
pH	: 7.0
Viscosity	: 1925 cP
Evaporation Rate	: 1.25 (water = 1)
Solubility in Water	: Water soluble
Appearance (color)	: Milky white
Appearance (form)	: Thick Liquid
Odour	: Low odour

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 temperatures and sunlight.

10.5 Incompatible materials : No information available.

10.6 Hazardous decomposition products : Oxide of carbon on combustion.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Exposure route	Endpoint	Value	Species	Source
Oral	LD50	28541 mg/kg	Rat	ECHA
Dermal	LD50	17877 mg/kg	Rabbit	ECHA
Inhalation	LC50	32.63 mg/L	Rat	ECHA

Skin corrosion/irritation: Not a primary skin irritant. Prolonged contact may cause skin irritation.

Serious eye damage/eye irritation : Does not causes eye irritation.

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

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 : May causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Specific substance: n-Butyl Carbitol

Endpoint	Value	Species	Exposure time	Source
LC50	1300 mg/L	Fish	4 days	ECHA

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EC50/LC10 or NOEC	369 mg/L	Fish	-	ECHA
EC50/LC50	1101 mg/L	Aquatic invertebrates	-	ECHA
EC10/LC10 or NOEC	112 mg/L	Aquatic invertebrates	-	ECHA
EC50	1101 mg/L	Algae and cyanobacteria	-	ECHA

Specific substance: Stoddard solvent

Endpoint	Value	Species	Exposure time	Source
LC50	140 µg/L	Freshwater fish	-	ECHA
EC10/LC10 or NOEC	1.4 mg/L	Freshwater fish	-	ECHA
EC50/LC50	107 µg/L	Aquatic invertebrates	-	ECHA
EC50	277-1200 µg/L	Aquatic algae and cyanobacteria	4 days	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

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Data are not available.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste. 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.

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

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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

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.