

SAFETY DATA SHEET

IGL COATINGS™ ECOCLEAN BLIZZARD

Material no.

Specification

Version

154338

3.00

Revision date

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

PRODUCT NAME : IGL Coatings™ ecoclean blizzard
FUNCTION : High foam car shampoo
UFI : 0KES-DEN4-H006-U5H7
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

Eye Damage Category 1

Skin irritation Category 2

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS05

Signal Word

Danger

Hazard statements

H315 Causes skin irritation

H318 Causes serious eye damage

Precautionary statements

P264+P265 Wash exposed skin thoroughly after handling. Do not touch eyes.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P317 If skin irritation occurs: Get medical help.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents in accordance with local/regional/federal regulations.

2.3 Other hazards

The mixture does not contain PBT/vPvB substance.

The mixture does not contain endocrine disruptor.

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 | | | |
| Proprietary | Proprietary | | | 10-30% |
| | Proprietary | Not applicable | Proprietary | |
| | Skin Irr. 2: H315; Eye Dam. 1: H318 | | | |

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| | | | | |
|-------------|---|----------------|-----------------------|--------|
| 8008-79-5 | Mint fragrance | | | 1-5% |
| | 616-927-4 | Not applicable | Not applicable | |
| | Not applicable | | | |
| 102-71-6 | Triethanolamine | | | 1-2% |
| | 203-049-8 | Not applicable | 01-2119486482-31-0000 | |
| | Not applicable | | | |
| 147170-44-3 | 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts | | | 1-0.1% |
| | 604-575-4 | Not applicable | 01-2120770501-61-0000 | |
| | Eye Dam. 1: H318; Aquatic Chronic 3: H412 | | | |
| 164462-16-2 | Trisodium dicarboxymethyl alaninate | | | 0.1-1% |
| | 605-362-9 | Not applicable | Not applicable | |
| | Not applicable | | | |

4. FIRST AID MEASURES

4.1 Description of first aid measures

General Information

Take off contaminated clothing.

After Inhalation

Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

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. Remove contact lenses, if present and easy to do.

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

Eyes: Irritation

Skin: irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water spray, dry chemical powder.

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

Must wear NIOSH/MSHA approved self-containing breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

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

Do not allow into open waterways and ground water systems.

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6.3 Methods and material for containment and cleaning up

Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. See section 13 for disposal considerations.

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).

Ensure adequate ventilation. Keep out of reach of children. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Advice on protection against fire and explosion

Not flammable.

Keep away from heat, sparks, open flame and direct sunlight.

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 dry area. Avoid prolonged exposure to sunlight.

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. Do not store at temperatures above 109°F (42.7°C).

Store in original container in areas inaccessible to children. Offer for recycling if available or discard in trash.

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:

No data available.

8.2 Exposure Control

8.2.1 General protective and hygienic measures:

Wash hands before eating or drinking and at the end of work.

8.2.2 Personal protective equipment:

Respiratory protection:

Use in well ventilated areas or local exhaust ventilations when cleaning small spaces. In case of inadequate ventilation wear respiratory protection.

Protection of hands:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products.

Eye protection:

Use protective glasses or safety goggles if splashing or spray-back is likely.

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 : Clear green

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| | |
|---|------------------|
| Odour | : Not applicable |
| Odour threshold | : Not available |
| pH | : 8.5-9.5 |
| 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 applicable |
| 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 applicable |
| Relative vapour density | : Not available |
| Relative Density (g/mL) | : 1.04 g/mL |
| Bulk density (kg/m ³) | : Not available |
| Solubility in water (g/l, 20°C) | : Not available |
| Solubility in other polar and non-polar | : Not available |
| Soluble in water solvents (g/l, 20°C) | : Not available |
| Partition coefficient n-octanol/water (log Po/w, 20°C) | : Not available |
| Auto-ignition temperature | : Non-flammable |
| Decomposition temperature | : Not available |
| Kinematic viscosity (mm ² /s) | : Not available |
| Dynamic viscosity (cPs) | : 135 cPs |
| Particle characteristics | : Not available |
| Explosive properties | : Not available |
| Oxidising properties | : Not available |

10. STABILITY AND REACTIVITY

10.1 Reactivity: Non-reactive.

10.2 Chemical stability: Stable under normal condition.

10.3 Possibility of hazardous reactions: No information available.

10.4 Conditions to avoid: Excessive heat and cold.

10.5 Incompatible materials: No information available.

10.6 Hazardous decomposition products: No information available.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects: No data available.

Skin corrosion/irritation: May cause skin irritation.

Serious eye damage/eye irritation: Causes serious eye damage.

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

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: Shall not be classified as specific target organ toxicity – single exposure.

Specific target organ toxicity – repeated exposure: Shall not be classified as specific target organ toxicity – repeated exposure.

Aspiration hazard: Shall not be classified as aspiration hazard.

11.2 Information on other hazards

Endocrine disrupting properties

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This mixture does not contain endocrine disruptor

Other information

Not applicable

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Specified substance: Proprietary

| Endpoint | Value | Species | Exposure time | Sources |
|----------|-----------|--------------------------|---------------|---------|
| LC50 | 4.2mg/L | Freshwater fish | 4 days | ECHA |
| EC50 | 4.53 mg/L | Freshwater invertebrates | 48 hours | ECHA |
| NOEC | 6.3 mg/L | Freshwater invertebrates | 21 days | ECHA |
| EC50 | 5.2 mg/L | Algae | 72 hours | ECHA |

12.2 Process of degradability

No data available.

12.3 Bioaccumulative 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

This mixture does not contain endocrine disruptor

12.7 Other adverse effects

Not 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.

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

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.