

SAFETY DATA SHEET

IGL Coatings™ Ecoclean Air

Material no.

Specification

Version

154300

1.13

Revision date

Print date

Page

10.01.2017

10.01.2017

Page 1 of 5



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

PRODUCT NAME : IGL Coatings™ ecoclean air

FUNCTION : Odour neutralizing agent

COMPANY : Ominent Sdn Bhd

ADDRESS : 12, Jalan Saudagar Satu, U1/16A 40150 Shah Alam, Selangor Darul Ehsan, Malaysia

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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008



GHS07

H302 Harmful if swallowed

H319 Causes serious eye irritation

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS07

Hazard statements

H302 Harmful if swallowed

H319 Causes serious eye irritation

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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)			
102-71-6	Triethanolamine			<1%
	203-049-8	Non-applicable	01- 2119486482- 31-0007	
	Eye Irrit. 2: H319; Skin Irrit. 2: H315 – Warning			
122-99-6	Phenoxyethanol			<0.5%
	204-589-7	603-098-00-9	01-2119488943-21-xxxx	
	Acute Tox. 4: H302; Eye Irrit. 2: H319 – Warning			

Full text of H and EUH statements: see section 16.

4. 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.

SAFETY DATA SHEET

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Material no.

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154300

1.13

Revision date

Print date

Page

10.01.2017

10.01.2017

Page 2 of 5



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. Let water be drunken in little sips (dilution effect). 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

Flash Point :

> 100°C

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 environment must be avoided.

6.3. Methods and material for containment and cleaning up

Take up mechanically.

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: see section 7

Personal protection equipment: see section 8

Disposal: see 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

Not flammable

Further information on handling

General protection and hygiene measures: refer to chapter 8

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 feedingstuffs.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination. Recommended storage temperature: 20ÆC

Protect against: UV-radiation/sunlight. heat.

7.3. Specific end use(s) :refer to chapter 1.

SAFETY DATA SHEET

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Material no.

Specification

Version

154300

1.13

Revision date

Print date

Page

10.01.2017

10.01.2017

Page 3 of 5



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.

8.1 Exposure Control

Personal protective equipment:

General protective and hygienic measures: Wash hands before breaks and at the end of work.

Respiratory protection: Not required.

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 can not 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 during refilling

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	: 100 °C
Specific Gravity	: 1 (at 20°C)
Volatile Organic %	: 0.0 %
pH	: 5.5 +/- 0.5
Evaporation Rate	: Like water
Solubility in Water	: Water soluble
Appearance (color)	: transparent liquid
Appearance (form)	: Fluid
Odour	: cucumber fragrance

10. STABILITY AND REACTIVITY

10.1 Reactivity : No further relevant information available

10.2 Chemical stability : Stable

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 : No further relevant information available

10.5 Incompatible materials : No further relevant information available

10.6 Hazardous decomposition products : No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Exposure route	Endpoint	Value	Species	Source
Oral	LD50	1850 mg/kg	Rat	ECHA

SAFETY DATA SHEET

IGL Coatings™ Ecoclean Air

Material no.

Specification

Version

154300

1.13

Revision date

Print date

Page

10.01.2017

10.01.2017

Page 4 of 5



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

Serious eye damage/eye irritation : Causes serious eye irritation

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 : Shall not be classified as a specific target organ toxicant (single exposure)

Specific target organ toxicity – repeated exposure : Shall not be classified as a specific target organ toxicant (repeated exposure)

Aspiration hazard : Shall not be classified as presenting as aspiration hazard

12. ECOLOGICAL INFORMATION

12.1 Toxicity

According to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment

Aquatic toxicity (Acute)

Endpoint	Value	Species	Source	Exposure time
LC50	344mg/l	Fish	ECHA	96 hours
EC50	>500mg/l	Aquatic invertebrates	ECHA	48 hours
ErC50	625 mg/l	Algae	ECHA	72 hours

Aquatic toxicity (chronic)

Endpoint	Value	Species	Source	Exposure time
LC50	>1000mg/l	Microorganism	ECHA	30 min
NOEC	23mg/l	Fish	ECHA	34 d
LOEC	50mg/l	Fish	ECHA	34 d
Growth({#EbCx})10%	318.9mg/l	Microorganism	ECHA	17 h

12.2 Process of degradability

The substance is readily biodegradable

Theoretical Oxygen demand : 2.2 mg/mg

Theoretical Carbon dioxide : 2.548 mg/mg

Process	Degradation rate	Time
Biotic/abiotic	82%	17 d
DOC removal	>90%	15 d
Oxygen depletion	90%	28 d
Carbon dioxide generation	75%	28 d

12.3 Bioaccumulative potential

Does not significantly accumulate in organisms

n-octanol/water (low KOW) 1.2 at pH value 5 and 23C

BCF 4.5 ECHA

12.4 Mobility in soil

Data are not available

The Organic carbon normalized adsorption coefficient 1.611

12.5 Results of PBT and vPvB Assessment

Data are not available

12.6 Other adverse effects

Data are not available

SAFETY DATA SHEET

IGL Coatings™ Ecoclean Air

Material no.

Specification

Version

154300

1.13

Revision date

Print date

Page

10.01.2017

10.01.2017

Page 5 of 5



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

IMDG Not dangerous goods

IATA Not dangerous goods

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2010/75/EU (VOC): No information available.

2004/42/EC (VOC): No information available.

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

REACH 1907/2006 Appendix XVII: not relevant

National regulatory information

Water contaminating class (D): Non contaminating

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.