

SAFETY DATA SHEET

IGL Coatings™ Ecoclean Delete

Material no.

Specification

Version

154305

1.13

Revision date

Print date

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

PRODUCT NAME : IGL Coatings™ ecoclean delete

FUNCTION : stain removing 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



GHS06

H301 Toxic if swallowed



GHS05

H301 Causes severe skin burns and eye damage

H290 May be corrosive to metals



GHS07

H332 Harmful if inhaled

2.2 Label Elements

Regulation (EC) No. 1272/2008



GHS07

Hazard statements

H302 Harmful if swallowed

H332 Harmful if inhaled



GHS05

H301 Causes severe skin burns and eye damage

H290 May be corrosive to metals

Precautionary statements

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

P102 Keep out of reach of children.

P260 Do not breathe mist, vapours, spray

P264 Wash exposed skin thoroughly after handling

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

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing

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

P310 Immediately call a POISON CENTER or doctor/physician

P363 Wash contaminated clothing before reuse

P405 Store locked up

P501 Dispose of contents/container to comply with local, state and federal regulations

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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)			
7664-93-9	Sulphuric Acid			<1.5%
	7664-93-9	016-020-00-8	Not Applicable	
	Eye Dam. 1: H318; Skin Corr. 1A: H314 – Warning  			
16961-83-4	Fluorosilicic Acid			<2.5%
	16961-83-4	009-011-00-5	Not Applicable	
	Acute Tox. 4: H302; Skin Corr. 1B: H314  			

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.

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

Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon

Special hazards arising from substance or mixture

Hydrogen fluoride, silicon oxides

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary

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

Dilute with water to minimise fume emission and heat generation during neutralisation. Or use diluted sodium hydroxide or soda ash to form a slurry which can be washed to drain with copious amount of water.

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

Clean contaminated articles and floor according to the environmental legislation.

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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 feeding stuffs.

Further information on storage conditions

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

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

8.1 Exposure Control

Personal protective equipment:

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

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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

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

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9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	: 100 °C
Specific Gravity	: 1.05 (at 20°C)
Volatile Organic %	: 0.0 %
pH	: <1.0
Evaporation Rate	: Like water
Solubility in Water	: Water soluble
Appearance (color)	: transparent liquid
Appearance (form)	: Fluid
Odour	: slight sour

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 : Aluminium, amines, carbides, hydrides, fluorine, alkali metals, metals, KMnO₄, strong bases, salts of oxyhalogenic acids, sulphuric acid, semimetallic oxides, aldehydes, sulfides, lithium silicide, vinylmethyl ether

10.6 Hazardous decomposition products : Hydrochloric acid, Chlorine, Hydrofluoric acid.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Exposure route	Endpoint	Value	Species	Source
Oral	LD50	430 mg/kg	Rat	ECHA

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 : 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 : No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

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

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

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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.