

SAFETY DATA SHEET

Conforms to WHS Code of Practice

Issued: June 7, 2016

Supersedes: May 11, 2015

ECLIPSE™ HARD FLOOR SEALER

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product Name: Eclipse Hard Floor Sealer

Product Number: 403

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST

Product intended for commercial and industrial use only.

Intended Use: Floor sealer

Uses Advised Against: Other than per labelled instructions.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Importer:

Eclipse Floor Solutions Pty Ltd

41-43 Steel Street

Capalaba

Queensland 4157

Telephone: (07) 3390 3027

Email: info@eclipsefloorsolutions.com.au

Internet: www.eclipsefloorsolutions.com.au

1.4 EMERGENCY TELEPHONE NUMBER

For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident Call:

The Australian Poisons Information Hotline All States 24 Hour Ph: 13 11 26

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

This mixture is not classified as hazardous according to Safe Work Australia criteria.

2.2 LABEL ELEMENTS

Signal Word: None

Hazard pictogram(s): None

Hazard Statement(s): None

Precautionary Statement(s): None

2.3 OTHER HAZARDS

No other hazards are known to the supplier

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1/3.2 SUBSTANCES/MIXTURES

Ingredient	EC No.	Weight %	CAS No.	CLP Classification	
				Hazard Class	Hazard Statement(s)*
propylene glycol monobutyl ether	225-878-4	1 - 5	5131-66-8	Eye Irrit. 2 Skin Irrit. 2	H319 H315
(2-methoxymethylethoxy)-propanol [†]	252-104-2	1 - 5	34590-94-8	none	none

[†] This ingredient does not have a harmonized classification; is listed due to WEL.

*See section 16 for the full text of Hazard Statements

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Eye Contact: Rinse with plenty of water. If irritation develops and persists, seek medical attention.

Skin Contact: Wash with plenty of water. If irritation develops and persists, seek medical attention.

Inhalation: If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.

Ingestion: If ingested, do not induce vomiting. Seek medical attention.

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4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

This mixture is not expected to produce significant adverse health effects when recommended use instructions are followed.

Eye Contact: None expected under normal use.

Skin Contact: None expected under normal use.

Inhalation: None expected under normal use.

Ingestion: None expected under normal use.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No information available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

In case of fire: use dry chemical, water spray, foam, carbon dioxide.

5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE

Hazardous combustion products: CO, CO₂

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include but not limited to the above mentioned substances.

5.3 ADVICE FOR FIRE FIGHTERS

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection. Fire-fighters should wear clothing conforming to EN469 for chemical incidents. Materials can splatter above 100°C/212°F.

HAZCHEM Code: Not applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Refer to Section 8 for appropriate personal protective equipment.

6.2 ENVIRONMENTAL PRECAUTIONS

Keep spills and cleaning runoff out of sewers and open bodies of water.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Small spills: Absorb spill on inert material (e.g. sand, earth) and dispose of as waste material in accordance with national and regional provisions.

Large spills: Keep spectators away. Floors may be slippery; use care to avoid falling. Neutralize spill area. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.

6.4 REFERENCE TO OTHER SECTIONS: Refer to Section 8 of the SDS.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage temperature (Max. 60°C/140°F) (Min. 1°C/34°F). Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.

7.3 SPECIFIC END USE(S): No information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Workplace Exposure Limits:

Ingredient	Source	TWA (8hours)		STEL (Short term)		Note(s)
		ppm	mg/m ³	ppm	mg/m ³	

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ethylene glycol monobutyl ether	ACGIH TLV	100	606	-	-	BEI
	AU Exposure Standard	50	308	-	-	

8.2 EXPOSURE CONTROLS

Engineering Controls: Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

Environmental exposure controls: No specific environmental exposure controls known.

Personal Protective Equipment (PPE)

Eye/Face Protection: Safety eyewear is recommended, to avoid chemical splashes and mists. Safety glasses or goggles (EN166).

Hand Protection: Chemical resistant gloves are recommended. (EN374).
Protective gloves should be selected according to the application and duration of use. Workplace selection should take into consideration handling requirements, physical requirements and exposure to other substances.

Skin Protection: No special requirements under normal use

Respiratory Protection: No special requirements under normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	thin, milky white, opaque liquid	
Odor:	slight odor, no added fragrance	
Odor Threshold:	No test data available	
pH:	7.8+	[Method: ASTM E 70]
Melting Point/Freezing Point:	No test data available	
Initial boiling point/boiling range:	No test data available	
Flash Point:	> 93°C	[Method: Closed cup, ASTM D 56]
Evaporation Rate:	No test data available	
Flammability (solid, gas)	Not applicable to liquids	
Upper/lower flammability/explosive limits:	No test data available	
Vapor Pressure:	No test data available	
Vapor Density:	No test data available	
Relative Density:	1.02 kg/L @ 20°C	[Method: Pycnometer, ASTM D 1475]
Solubility:	miscible in water	
Partition Coefficient (n-octanol/water):	No test data available	
Auto Ignition temperature:	No test data available	
Decomposition Temperature:	No test data available	
Viscosity:	<10 centipoise @ 20°C	[Method: Rotational viscometer, Brookfield]
Explosive Properties:	none	
Oxidizing properties:	none	

9.2 OTHER INFORMATION

VOC: 7.02%

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY:	None known
10.2 CHEMICAL STABILITY:	Stable under normal conditions.
10.3 POSSIBILITY OF HAZARDOUS REACTIONS:	None known
10.4 CONDITIONS TO AVOID:	None known
10.5 INCOMPATIBLE MATERIALS:	Do not mix with other chemicals unless stated on the product label.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS:	None known

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY:

ATE_{mix} (oral): > 2000 mg/kg

ATE_{mix} (dermal): > 2000 mg/kg

ATE_{mix} (inhalation): > 20 mg/l (4 hr/vapour)

Toxicity testing has not been completed on the mixture.

Based on available data, the classification criteria are not met.

Component	CAS #	LD50 Oral-Rat (mg/kg)	LD50 Dermal - Rabbit (mg/kg)	LC ₅₀ Inhalation-Rat (mg/l)
propylene glycol monobutyl ether	5131-66-8	5660	> 2000	> 3.5

SKIN CORROSION/IRRITATION:

Based on available data, the classification criteria are not met.

SERIOUS EYE DAMAGE/IRRITATION:

Based on available data, the classification criteria are not met.

RESPIRATORY OR SKIN SENSITIZATION:

Based on available data, the classification criteria are not met.

GERM CELL MUTAGENICITY:

Based on available data, the classification criteria are not met.

CARCINOGENICITY:

Based on available data, the classification criteria are not met.

REPRODUCTIVE TOXICITY:

Based on available data, the classification criteria are not met.

STOT-SINGLE EXPOSURE:

Based on available data, the classification criteria are not met.

STOT-REPEATED EXPOSURE:

Based on available data, the classification criteria are not met.

ASPIRATION HAZARD:

Based on available data, the classification criteria are not met.

11.2 POTENTIAL ADVERSE HEALTH EFFECTS

Effects and symptoms related to this mixture, if any, are listed in Section 4.2.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY: Ecological testing has not been completed on the mixture.

Component	CAS #	LC50	LC50	LC50
propylene glycol monobutyl ether	5131-66-8	vertebrate, 560-1000 mg/ml	Daphnia magna, >1000 mg/l	algae, 560 mg/l

12.2 PERSISTENCE AND DEGRADABILITY:

Testing has not been completed on the mixture.

Component	CAS #	Biodegradation
propylene glycol monobutyl ether	5131-66-8	Readily biodegradable

12.3 BIOACCUMULATIVE POTENTIAL:

Testing has not been completed on the mixture.

Component	CAS #	Partition coefficient n-octanol/water (Log Kow)	Bioconcentration factor (BCF)
propylene glycol monobutyl ether	5131-66-8	1.2	< 100

12.4 MOBILITY IN SOIL:

Testing has not been completed on the mixture.

Component	CAS #	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
propylene glycol monobutyl ether	5131-66-8	1.3 - 6.0

12.5 OTHER ADVERSE EFFECTS:

None known

12.6 ADDITIONAL INFORMATION:

Classification criteria, for environmental hazards, are not met.

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SECTION 13: DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, regional and national regulations.
During disposal activities, refer to Section 8 for relevant exposure controls and PPE requirements.

SECTION 14: TRANSPORT INFORMATION

This mixture is not classified as a dangerous good in accordance with ADG regulations.

- 14.1 UN NUMBER:** None
- 14.2 UN PROPER SHIPPING NAME:** None
- 14.3 TRANSPORT HAZARD CLASSES:** None
- 14.4 PACKING GROUP:** None
- 14.5 ENVIRONMENTAL HAZARDS:** None
- 14.6 SPECIAL PRECAUTIONS:** None
- 14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MAPROL73/78 AND THE IBC CODE:** N/A

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE MIXTURE

AICS STATUS: Ingredients are listed on AICS inventory or are exempt.

POISON SCHEDULE: Ingredients are not listed with a poison schedule number.
(SUSMP)

SECTION 16: OTHER INFORMATION

REVISION INFORMATION:

June 7, 2016 - Revisions in accordance WHS regulations.

ABBREVIATIONS:

N/A - Not applicable
N/E - Not Established
N/L - Not Listed
AICS - Australian Inventory of Chemical Substance
SUSMP - Standard for the Uniform Scheduling of Medicines and Poisons

FULL TEXT OF HAZARD STATEMENTS:

None

FULL TEXT OF PRECAUTIONARY STATEMENTS:

Safety data sheet available on request.

ISSUED BY:

Chemical/R&D Department
Amano Pioneer Eclipse Corporation