

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 453/2010

Issued: May 11, 2015

Supersedes: Dec. 5, 2013

ECLIPSE™ HARD FLOOR SEALER**1. IDENTIFICATION OF THE MIXTURE (PREPARATION) 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**Manufacturer:**

Amano Pioneer Eclipse Corporation

P.O. Box 909

1 Eclipse Road

Sparta, NC 28675

Telephone: 1-336-372-8080

Email: msds@pioneer-eclipse.com

Internet: www.pioneereclipse.com

1.4 EMERGENCY TELEPHONE NUMBER**For Chemical Emergency:** Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.

Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

2. HAZARDS IDENTIFICATION**2.1 CLASSIFICATION OF THE MIXTURE (PREPARATION)****2.1.1** This mixture has been classified according to EC 1272/2008.

CLP Classification: Not classified as hazardous.

2.1.2 This preparation has been classified according to 1999/45/EC.

DPD Classification: Not classified as dangerous

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

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1/3.2 SUBSTANCES/MIXTURES**

Ingredient	EC No.	Weight %	CAS No.	DSD Classification		CLP Classification	
				Symbol	Risk Phrase(s)*	Hazard Class	Hazard Statement(s)*
propylene glycol monobutyl ether	225-878-4	1 - 5	5131-66-8	Xi (Irritant)	R36/38	Eye Irrit. 2 Skin Irrit. 2	H319 H315
(2-methoxymethylethoxy)-propanol†	252-104-2	1 - 5	34590-94-8	none	none	none	none

† This ingredient does not have a harmonized classification per 1272/2008 and is listed due to WEL.

*See section 16 for the full text of R phrases and Hazard Statements

4 FIRST AID MEASURES**4.1 DESCRIPTION OF FIRST AID MEASURES**

ECLIPSE™ HARD FLOOR SEALER

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

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

This mixture (preparation) 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.

5. FIRE FIGHTING MEASURES**5.1 EXTINGUISHING MEDIA**

Dry chemical, water spray, foam, carbon dioxide

5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE

Hazardous combustion products: None

5.3 ADVICE FOR FIRE FIGHTERS

Unusual fire and explosion hazards: Materials can splatter above 100°C/212°F.
Special firefighting procedures: No special firefighting procedures recommended.

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.**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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 CONTROL PARAMETERS**

ECLIPSE™ HARD FLOOR SEALER

Occupational Exposure limits:

Ingredient	Source	TWA (8hours)		STEL (Short term)		Note(s)
		ppm	mg/m ³	ppm	mg/m ³	
(2-methoxymethylethoxy)-propanol	ACGIH TLV	100	606	150	909	Skin
	EU (2000/39/EC)	50	308	-	-	Skin
	NO Administrative Norm	50	300	-	-	H
	EH40	50	308	-	-	Sk

8.2 EXPOSURE CONTROLS

Engineering Controls: Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain

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.

Hand Protection: Chemical resistant gloves are recommended.

Skin Protection: If major exposure is possible, wear suitable protection such as rubber boots, apron, etc.

Respiratory Protection: Respiratory protection should be worn when there is a potential of inadequate ventilation. If exposure limits are exceeded or symptoms are experienced, use an approved respirator.

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:	N/E
pH:	7.8
Freezing Point:	N/E
Initial boiling point/boiling range:	N/E
Flash Point:	> 93°C
Evaporation Rate:	N/E
Upper/lower flammability/explosive limits:	N/E
Vapor Pressure:	N/E
Vapor Density:	N/E
Relative Density:	1.02 kg/L @ 20°C
Solubility:	miscible in water
Partition Coefficient (n-octanol/water):	N/E
Auto Ignition temperature:	N/E
Decomposition Temperature:	N/E
Viscosity:	<10 centipoise @ 20°C
Explosive Properties:	N/A
Oxidizing properties:	N/E

9.2 OTHER INFORMATION

VOC:	7.02%
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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:	Strong acids, bases and oxidizing agents.

ECLIPSE™ HARD FLOOR SEALER
10.6 HAZARDOUS DECOMPOSITION PRODUCTS: None known

11. TOXICOLOGICAL INFORMATION
11.1 INFORMATION ON TOXICOLOGICAL EFFECTS
ACUTE TOXICITY:

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.

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: No data available.

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

12.3 BIOACCUMULATIVE POTENTIAL: No data available.

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: No data available.

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

12.5 RESULTS OF PBT AND vPvB ASSESSMENT: No data available.

12.6 OTHER ADVERSE EFFECTS: No data available.

12.7 ADDITIONAL INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS
13.1 WASTE TREATMENT METHODS

Disposal of this material should be in accordance with local, regional and national regulations.

EU Waste Catalogue: 16 03 05*

ECLIPSE™ HARD FLOOR SEALER**14. TRANSPORT INFORMATION**

Product is not classified as hazardous for transport 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

15. REGULATORY INFORMATION**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE MIXTURE**

EINECS STATUS: Ingredients are included in the EINECS/ELINCS/NLP inventories.

NATIONAL REGULATIONS: No additional national regulations are known to the supplier.

- 15.2 CHEMICAL SAFETY ASSESSMENT: No information available.

16. OTHER INFORMATION**REVISION INFORMATION:**

May 11, 2015 - Revisions required per EC 1272/2008

ABBREVIATIONS:

N/A - Not applicable

N/E - Not Established

N/L - Not Listed

FULL TEXT OF HAZARD STATEMENTS:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

FULL TEXT OF PRECAUTIONARY STATEMENTS:

None

FULL TEXT OF RISK PHRASES:

R36/38 Irritating to eyes and skin.

ISSUED BY:

Chemical/R&D Department

Amano Pioneer Eclipse Corporation