SAFETY DATA SHEET

Conforms to 1907/2006/EC - (EU) 453/2010
Issued: May 11, 2015
Supersedes: Dec. 6, 2013

EXTEND™ AUTO-BURNISH FLOOR MAINTAINER

1. IDENTIFICATION OF THE MIXTURE (PREPARATION) AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product Name: Extend Auto-Burnish Floor Maintainer Product Number: 201

1.2 RELEVENT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST

Product intended for commercial and industrial use only.
Intended Use: Water-based floor finish maintainer.
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)*
ammonium hydroxide	215-647-6	0.1 – 1.5	1336-21-6	C (Corrosive) Xi (Irritant) N (Dangerous for the Environment)	R34 R36/37/38 R50	SkinCorr 1B Aquatic Acute 1	H314 H400

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

4 FIRST AID MEASURES

4.1 DECRIPTION OF FIRST AID MEASURES

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

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

Treat symptomatically.

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 known

5.3 ADVICE FOR FIRE FIGHTERS

Unusual fire and explosion hazards: Materials can splatter above 100°C/212°F.
Special firefighting procedures: None known

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. 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

Occupational Exposure Limits: None

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.
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 ammonia
Odor Threshold:	N/E
pH:	8.6
Freezing Point:	N/E
Initial boiling point/boiling range:	N/E
Flash Point:	> 93ºC
Evaporation Rate:	N/E
Upper/lower flammability/explosive limits:	N/E
Vapor Pressure:	N/E
Vapor Density:	N/E
Relative Density:	1.03 kg/L @ 20ºC
Solubility:	miscible in water
Partition Coefficient (n-octanol/water):	N/E
Auto Ignition temperature:	N/E
Decomposition Temperature:	N/E
Viscosity:	<20 centipoise @ 20ºC
Explosive Properties:	N/A
Oxidizing properties:	N/E

9.2 OTHER INFORMATION

VOC: 0.02% (as supplied), <0.01% (1:64)

10. STABILITY AND REACTIVITY

10.1	REACTIVITY:	None known
10.2	CHEMICAL STABILITY:	Stable under normal conditions.
10.3	POSSIBILITY OF HAZARDOUS REACTIONS:	None expected
10.4	CONDITIONS TO AVOID:	None known
10.5	INCOMPATIBLE MATERIALS:	Strong acids, bases and oxidizing agents.
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)
ammonium hydroxide	1336-21-6	350	N/A	N/A

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 EXPSURE: 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
ammonium hydroxide	1336-21-6	fathead minnow, 8.2 mg/l	daphnia magna, 0.66 mg/l	Not available

12.2 PERSISTANCE AND DEGRADABILITY: No data available.

Component	CAS #	Biodegradation
ammonium hydroxide	1336-21-6	inorganic

12.3 BIOACCUMULATIVE POTENTIAL: No data available.

Component	CAS #	Partition coefficient n-octanol/water (Log Kow)	Bioconcentration factor (BCF)
ammonium hydroxide	1336-21-6	Not available	Not available

12.4 MOBILITY IN SOIL: No data available.

Component	CAS #	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
ammonium hydroxide	1336-21-6	Not available

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

12.6 OTHER ADVERSE EFFECTS: No data available.

12.7 ADDITIONAL INORMATION: Mixture is not classified with Aquatic hazards.

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*

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:

H314- Causes severe skin burns and eye damage.
H400- Very toxic to aquatic life.

FULL TEXT OF PRECAUTIONARY STATEMENTS:

None

FULL TEXT OF RISK PHRASES:

R34- Causes burns.
R36/37/38- Irritating to eyes, respiratory system and skin.
R50- Very toxic to aquatic organisms.

ISSUED BY:

Chemical/R&D Department
Amano Pioneer Eclipse Corporation