

EXTEND® AUTO-BURNISH FLOOR MAINTAINER

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Extend® Auto-Burnish Floor Maintainer
 Product Type: Polymer emulsion

Product Number: 201

Manufacturer Address:

Amano Pioneer Eclipse Corporation
 P.O. Box 909
 1 Eclipse Road
 Sparta, NC 28675

Contact Information:

Telephone: 1-336-372-8080
 Email: msds@pioneer-eclipse.com
 Internet: www.pioneer-eclipse.com

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

OSHA status: Not classified as hazardous.
Precautions: Keep container closed when not in use. Keep out of reach of children.

Potential Health Effects:

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.

Health: 1
 Flammability: 0
 Reactivity: 0

3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Weight %
diethylene glycol monoethyl ether	111-90-0	5 - 10
ammonium hydroxide	1336-21-6	0.5 - 1.5

4: FIRST AID MEASURES

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

5: FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, water spray, foam, carbon dioxide
Special Fire Fighting Procedures: None
Hazardous Combustible Products: Materials can splatter above 212 °F / 100 °C
Unusual Fire and Explosion Hazards: No special fire fighting procedures recommended

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery: use care to avoid falling.
Environmental Precautions: Keep spills and cleaning run-off out of sewers and open bodies of water.
Containment and Clean-Up
Small Spills: Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.
Large Spills: 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 contains for disposal.
Waste Disposal: Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

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7: HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use.

Storage: Storage temperature (Max. 60°C/140°F - Min. 1°C/34°F).

Other information: Keep from freezing, product may coagulate. Keep container sealed when not in use. Keep out of reach of children.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values: No established limits for product components.

Engineering Controls: Ensure adequate general ventilation.

Personal Protective Equipment (PPE)

Eye/Face Protection: Safety glasses recommended.

Skin Protection: Rubber gloves recommended.

Respiratory Protection: No specific personal protection is required.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: milky white liquid	Odor: Slight ammoniacal
Odor Threshold: N/E	pH: 8.6 ± 0.5
Freezing Point: 32 °F / 0°C	Boiling Point: 212 °F / 100 °C
Flash Point: non-combustible	Evaporation Rate: less than water
Flammability: non-combustible	Upper/Lower Flammability limits: N/E
Vapor Pressure: less than water	Vapor Density: greater than air
Relative Density: 8.6 lb/gal @ 68°F / 1.03 kg/l @ 20°C	Solubility: 100% soluble in water
Partition Coefficient (n-octanol/water): N/E	Auto Ignition temperature: N/E
Decomposition Temperature: N/E	Volatile by Weight: 70 ± 0.5%
Viscosity: < 20 centipoise @ 68 °F (20 °C)	

10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: None known.

Incompatible materials: Strong acids and bases.

Hazardous decomposition products: None known.

Hazardous reactions: None known.

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not determined on product.

Ingredient	LD50 Oral-Rat	LD50 Dermal - Rabbit	LC50 (4hr) Inhalation-Rat	Carcinogenicity	CA - Prop 65
diethylene glycol monoethyl ether	1920 mg/kg	4200 µl/kg	>5240 mg/m ³	N/L	N/L
ammonium hydroxide	350 mg/kg	N/A	N/A	N/L	N/L

LOCAL EFFECTS

Skin contact: May cause mild irritation

Eye contact: May cause mild irritation

Sensitization: None expected

Chronic effects: None expected

SPECIFIC EFFECTS

Carcinogenicity: None known

Reproductive effects: None known

Teratogenicity: None known

Mutagenicity: None known

12: ECOLOGICAL INFORMATION

Ecological data not available.

13: DISPOSAL CONSIDERATIONS

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

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14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.

15: REGULATORY INFORMATION

U.S. Regulations/Reporting:

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
diethylene glycol monoethyl ether	111-90-0	N/L	present*	***
ammonium hydroxide	1336-21-6	N/L	N/L	1000 lb RQ

State Right to Know Status:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
diethylene glycol monoethyl ether	111-90-0	N/L	N/L	present*	N/L
ammonium hydroxide	1336-21-6	present	present	present	N/L

Canada Regulations/Reporting:

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR)* and the MSDS contains all of the information required by the *CPR*.

WHMIS Hazard Symbol:



WHMIS hazard class: D2B

Ingredients required for disclosure:

Ingredient	CAS Number	Weight %	Classification
diethylene glycol monoethyl ether	111-90-0	>1 %	B3, D2B
ammonium hydroxide	1336-21-6	>1 %	E

16: OTHER INFORMATION

Abbreviations Used:

N/E - Not Established

N/A - Not applicable

N/L - Not Listed

* - listed as generic class Glycol Ethers

*** - No RQ assigned, although a CERCLA hazardous substance

Revision History:

04/01/2011- format change to ANSI Z400.1-2004, section 2 & 9 (ingredients & physical data)

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This MSDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

****IMPORTANT SAFETY INFORMATION**DO NOT DISCARD**PLEASE ROUTE TO COMPANY SAFETY OFFICER****