



SAFETY DATA SHEET 713: CONCENTRATE

Conforms to 1910.1200
Issued: May 30, 2016
Supersedes: Aug. 7, 2015
TIMBERCLEAN™

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: TimberClean **Product Number:** 713
Recommended Use: Wood floor cleaner
Concentrate - Dilute prior to use.
Product intended for commercial and industrial use only.
Uses Advised Against: Other than per labelled instructions

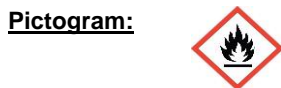
Manufacturer Address:
Amano Pioneer Eclipse Corporation
P.O. Box 909
1 Eclipse Road
Sparta, NC 28675
Telephone: 1-336-372-8080
Email: sds@pioneereclipse.com
Internet: www.pioneereclipse.com

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

Classification: Flammable Liquid - Category 3

Signal Word: Warning



Hazard Statements:
Flammable liquid and vapour

Precautionary Statements:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Ground/Bond container and receiving equipment.
Use explosion-proof equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Wear protective gloves/eye protection/face protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash with plenty of water.
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazards: None known

Supplemental Information: None

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
1-methoxy-2-propanol	107-98-2	5 - 10
2-propanol	67-63-0	5 - 10

* Exact concentration of the ingredients has been withheld as a trade secret.

4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

Eye Contact: Rinse with plenty of water. If irritation develops and persists, seek medical attention.
Skin Contact: Wash with soap and plenty of water. If irritation develops and persists, seek medical attention.
Inhalation: If breathing is difficult, remove subject to fresh air. If symptoms persist, seek medical attention.



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Ingestion: Call a physician or poison control center. Do not induce vomiting. Seek medical advice.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Eye Contact:** May cause mild eye irritation.
- Skin Contact:** May cause mild skin irritation.
- Inhalation:** Spray mist may cause irritation to nose, throat and lungs.
- Ingestion:** May cause irritation to mouth, esophagus and stomach.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

5: FIRE-FIGHTING MEASURES

- Suitable Extinguishing media:** Water spray, CO₂, dry chemical, alcohol-type or universal type foams
- Specific Hazards:** Do not spray a solid stream of water or foam directly in hot liquid. This may cause frothing.
- Protective Equipment and Precautions:** Fire fighters should wear NIOSH approved breathing apparatus. Materials can splatter above 100° C / 212° F

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.
- Environment 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 containers 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.

7: HANDLING AND STORAGE

- Precautions for Safe Handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use in well-ventilated areas. Avoid breathing vapors or mists.
- Conditions for Safe Storage:** Storage temperature (Max. 60°C/140°F - Min. 1°C/34°F)
- Other Information:** Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

Ingredient	CAS Number	ACGIH		OSHA	
		TWA	STEL	TWA	STEL
1-methoxy-2-propanol	107-98-2	100 ppm	150 ppm	N/L	N/L
2-propanol	67-63-0	200 ppm	400ppm	400 ppm	N/L

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.

Personal Protective Equipment (PPE)

- Eye/Face Protection:** Safety eyewear is recommended, to avoid chemical splashes and mists.
- Skin Protection:** Chemical resistant gloves are recommended.
- 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.
- Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.



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9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear, green liquid
Odor: no added fragrance (alcohol odor)
Odor Threshold: data not available
pH: 8.7
Freezing Point: data not available
Boiling Point: data not available
Flash Point: 140 °F / 60 °C
Evaporation Rate: less than water
Flammability (solid/gas): not applicable to liquids
Flammability limits: data not available
Vapor Pressure: data not available
Vapor Density: data not available
Relative Density: 8.2 lb/gal @ 68°F / 0.98 kg/l @ 20°C
Solubility: miscible in water
Partition Coefficient: data not available
Auto Ignition temperature: data not available
Decomposition Temperature: data not available
Viscosity: <10 centipoise @ 68 °F (20 °C)
VOC: 19% (as supplied), 3.7% (1:4)

10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.
Stability: Stable under normal conditions.
Hazardous reactions: None expected.
Conditions to avoid: None known.
Incompatible materials: Do not mix with other chemicals unless stated on the product label.
Hazardous decomposition products: None known.

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not determined on product.

LOCAL EFFECTS

Skin contact: May cause irritation.
Eye contact: May cause irritation.
Sensitization: None expected
Chronic effects: None expected

SPECIFIC EFFECTS

Carcinogenicity: None known
Reproductive effects: None known
Teratogenicity: None known
Mutagenicity: None known

COMPONENT INFORMATION

Component	LD50 Oral-Rat (mg/kg)	LD50 Dermal - Rabbit (mg/kg)	LC ₅₀ Inhalation-Rat (mg/l)
1-methoxy-2-propanol	5660	> 5000	1000 / 5 hr
2-propanol	> 5000	> 5000	> 500 /1 hr

Carcinogenicity:

Component	IARC	NTP	OSHA
2-propanol	IARC - 3	N/L	N/L

12: ECOLOGICAL INFORMATION

Ecotoxicity: Ecological testing has not been completed on the mixture.
Persistence and Degradability: Data not available.
Bioaccumulative Potential: Data not available.
Mobility in Soil: Data not available.
Other Adverse Effects: Data not available.



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13: DISPOSAL CONSIDERATIONS

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

14: TRANSPORT INFORMATION

UN Number: UN1993
UN Proper Shipping Name: Flammable liquid, n.o.s. (1-methoxy-2-propanol)
Hazard Class: 3
Packing Group: III
Marine Pollutant: None
Transport in Bulk: N/A
Other Information: Package volumes < 5 L are shipped as Limited Quantity; as permitted by hazard class and quantity limits.

15: REGULATORY INFORMATION

U.S. REGULATIONS/REPORTING:

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
2-propanol	67-63-0	N/L	1%*	N/L

*- de minimus concentration (strong acid process only)

STATE RIGHT-TO-KNOW STATUS:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
1-methoxy-2-propanol	107-98-2	present	present	present	present
2-propanol	67-63-0	present	present	present	present

CALIFORNIA PROPOSITION 65: Components are not present on CA Prop 65 listing.

CANADA REGULATIONS/REPORTING: This product has been classified in accordance with the hazard criteria of the Hazardous Product Regulation (*HPR*) and the SDS contains the information required by the *HPR*.

16: OTHER INFORMATION

Abbreviations Used:

N/A - Not applicable
N/E - Not Established
N/L - Not Listed
IARC 3- Unclassifiable as to carcinogenicity in humans.

Revision Information:

May 30, 2016 - Logo change, email address, minor edits

Health:	2
Flammability:	3
Reactivity:	0

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This SDS 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****