



SAFETY DATA SHEET 302DD: CONCENTRATE

Conforms to 1910.1200
Issued: Sept. 26, 2023
Supersedes: July 1, 2023

ECLIPSE™ LOW FOAM FILM FREE NEUTRAL CLEANER

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eclipse Low Foam Film Free Neutral Cleaner **Product Number:** 302DD

Recommended Use: All purpose water-based 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: Skin Sensitization - Category 1
Eye Irritation - Category 2B

Signal Word: Warning

Pictogram:



Hazard Statements: May cause an allergic skin reaction.
Causes eye irritation.

Precautionary Statements:

- Avoid breathing mist/ vapors/ spray.
- Wash thoroughly after handling.
- Wear protective gloves and eye protection.
- IF ON SKIN: Wash with plenty of water.
- If skin irritation or rash occurs: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present an easy to do. Continue rinsing
- Wash contaminated clothing before re-use.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: None known

Supplemental Information: None

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
Alcohols, C10-12, ethoxylated propoxylated	68154-97-2	5 -10
d-Limonene	5989-27-5	0.1 - 0.2

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

4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water, for at least 15 minutes. If easy to do , remove contact lenses if worn. If irritation 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: Call a physician or poison control center. Do not induce vomiting. Seek medical advice.



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MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye Contact: Can cause eye irritation.
Skin Contact: May cause an allergic skin reaction.
Inhalation: None expected under normal use.
Ingestion: None expected under normal use.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

5: FIRE-FIGHTING MEASURES

Suitable Extinguishing media: Dry Chemical, water spray, foam, carbon dioxide
Specific Hazards: Materials can splatter above 212 °F / 100 °C
Protective Equipment and Precautions: No special fire fighting procedures recommended. Follow all general fire safety guidelines.

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: None
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: Wear eye protection.
Skin Protection: Wear chemical resistant gloves.
Respiratory Protection: Personal protective equipment not required with normal use. General room ventilation should be adequate. 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.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, blue liquid
Odor: Lemon lime fragrance
Odor Threshold: Data not available
pH: 8.5
Freezing Point: Data not available



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Boiling Point:	Data not available
Flash Point:	> 200°F / > 93°C
Evaporation Rate:	less than water
Flammability (solid, gas):	not applicable to liquid
Flammability limits:	Data not available
Vapor Pressure:	Data not available
Vapor Density:	Data not available
Relative Density:	8.5 lb/gal @ 68°F / 1.02 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:	0.12% (as supplied), <0.01% (at labeled dilutions)

10: STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Stability:	Stable under normal conditions
Hazardous reactions:	None known
Conditions to avoid:	None expected under normal conditions.
Incompatible materials:	None known
Hazardous decomposition products:	None known

11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	Toxicity testing has not been completed on the mixture. Based on available data, this mixture is not classified with acute toxicity hazards.
ATE _{mix} (oral):	> 2000 mg/kg
ATE _{mix} (dermal):	> 2000 mg/kg
ATE _{mix} (inhalation):	> 20 mg/l (4 hr/vapor)

LOCAL EFFECTS

Skin contact:	Causes skin irritation.
Eye contact:	Causes eye irritation.
Sensitization:	May cause an allergic skin reaction.
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)
Alcohols, C10-12, ethoxylated propoxylated	> 2000	data not available	data not available
d-Limonene	4400	>5000	N/A

Carcinogenicity:

Component	IARC	NTP	OSHA
d-Limonene	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.



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Other Adverse Effects: Data not available.

13: DISPOSAL CONSIDERATIONS

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

14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.

15: REGULATORY INFORMATION

U.S. REGULATIONS/REPORTING: Components not subject to reporting (SARA 302/304, 313, CERCLA)

STATE RIGHT-TO-KNOW STATUS:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
d-Limonene	5989-27-5	not listed	present	present	not listed

CALIFORNIA PROPOSITION 65: Components are not present on the 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
- IARC3- Unclassifiable as to Carcinogenicity in Humans.

Revision Information:

Sept. 26, 2023 - Revisions § 2, 4, 8 & 11

Health:	2
Flammability:	0
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****