



SAFETY DATA SHEET

302: 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:** 302
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: Not classified as hazardous; as determined by OSHA 1910.1200.

Signal Word: None
Pictogram: None
Hazard Statements: None
Precautionary Statements: None
Other Hazards: None known
Supplemental Information: None

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
Alcohols, C10-12, ethoxylated propoxylated	68154-97-2	1 - 3

* 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 persists, seek medical attention.
Inhalation: If breathing is difficult, remove subject to fresh air. If symptoms persist, seek medical attention.
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: None expected under normal use.
Skin Contact: None expected under normal use.
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.



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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, spray and mist.

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: Personal protective equipment not required with normal use. Eye protection is recommended if there is risk of chemical splashes.

Skin Protection: Personal protective equipment not required with normal use. Chemical resistant gloves are recommended for repeated or prolonged exposure.

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: 7.0

Freezing Point: data not available

Boiling Point: data not available

Flash Point: > 200 °F / > 93°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: 8.4 lb/gal @ 68°F/ 1.01 kg/l @ 20 °C

Solubility: miscible in water

Partition Coefficient: data not available

Auto Ignition temperature: data not available



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Decomposition Temperature: data not available
Viscosity: < 10 centipoise @ 68 °F (20 °C)
VOC: 0.03% (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 expected under normal conditions.
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: 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: 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

COMPONENT INFORMATION

Component	LD50 Oral-Rat (mg/kg)	LD50 Dermal - Rabbit (mg/kg)	LC50 Inhalation-Rat (mg/l)
Alcohols, C10-12, ethoxylated propoxylated	> 2000	data not available	data not available

Carcinogenicity: Components are not known to be classified as carcinogens. (IARC, NTP, OSHA).

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.

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: Components are not subject to State RTK Listing (MA, NJ, PA, RI)
CALIFORNIA PROPOSITION 65: Components are not present on CA Prop 65 listing.



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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:

ATE _{mix}	Acute Toxicity Estimate - mixture
CAS	Chemical Abstract Service Number
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
IARC	International Agency for Research on Cancer
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
OSHA	Occupational Safety and Health Administration
NTP	National Toxicology Program
SDS	Safety Data Sheet
SARA	Superfund Amendments and Reauthorization Act

Revision Information:

Sept. 26, 2023 - Revisions § 2, 4, 7, 8 & 11

Health:	1
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****