SAFETY DATA SHEET
3036: CONCENTRATE

Conforms to 1910.1200
Issued: Feb. 9, 2023
Supersedes: July 15, 2019

ECLIPSE™ BACTERIA & ENZYME CLEANER/DIGESTANT

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eclipse Bacteria & Enzyme Cleaner/Digestant **Product Number:** 3036

Recommended Use: Enzyme 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: Eye Irritation - Category 2

Signal Word: WARNING

Pictogram:

Hazard Statements:
Causes serious eye irritation.

Precautionary Statements:
Wash thoroughly after handling.
Wear eye protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Other Hazards: None known

Supplemental Information: Some individuals may be sensitive to ingredients in this product.

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
Benzenesulfonic acid, C10-16 alkyl derivs	68584-22-5	1 - 3
Bacterial spores	N/A	< 1.0

* 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 to fresh air. If symptoms persist, seek medical attention.
Ingestion: If ingested, do not induce vomiting. Seek medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye Contact: Can cause serious eye irritation.
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 ºF / 100 ºC

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 and skin. Wash thoroughly after handling. Avoid formation of dust and aerosols. Ensure adequate ventilation.
Avoid contact with broken skin, mucus membranes and open wounds.

Conditions for Safe Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

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: No established exposure limits for components.

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 safety glasses.

Skin Protection: No personal protective equipment required with normal use.

Respiratory Protection: No personal protective equipment required with normal use. General room ventilation should be adequate. In case of insufficient ventilation or if respiratory irritation occurs wear suitable respiratory equipment.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	hazy, colorless liquid
Odor:	pleasant
Odor Threshold:	data not available
pH:	8.4
Freezing Point:	data not available
Boiling Point:	data not available
Flash Point:	>200 ºF / >93 ºC
Evaporation Rate:	data not available

Flammability (solid/gas):	not applicable to liquids
Upper/Lower Flammability limits:	data not available
Vapor Pressure:	data not available
Vapor Density:	data not available
Relative Density:	8.3 lb/gal @ 68ºF /1.0 kg/l @ 20ºC
Solubility:	miscible in water
Partition Coefficient:	data not available
Auto Ignition temperature:	data not available
Decomposition Temperature:	data not available
Viscosity:	< 10 centipoise @ 68 ºF (20 ºC)
VOC:	0%

10: STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions
Stability:	Stable under normal conditions
Hazardous reactions:	None known
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.

ATE $_{mix}$ (oral):	> 2000 mg/kg
ATE $_{mix}$ (dermal):	> 2000 mg/kg
ATE $_{mix}$ (inhalation):	> 20 mg/l (4 hr/vapour)

LOCAL EFFECTS

Skin contact:	May cause mild irritation.
Eye contact:	Causes serious eye 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 (µl/kg)	LC_{50} Inhalation- Rat (mg/m^3)
Benzenesulfonic acid, C10-16 alkyl derivs	300 - 2000	data not available	data not available

Carcinogenicity: Components are not known to be classified as carcinogens.

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.

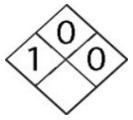
15: REGULATORY INFORMATION

U.S. REGULATIONS/REPORTING: Components not subject to US Reporting (SARA 302/304, 313, CERCLA)
STATE RIGHT-TO-KNOW STATUS: Components not subject to RTK Reporting (MA, NJ, PA, RI)
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

Revision Information:
Feb. 9, 2023 - Product name, minor edit § 4



Health: 1
Flammability: 0
Reactivity: 0

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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*"**