



SAFETY DATA SHEET

343: CONCENTRATE

Conforms to 1910.1200

Issued: Oct. 11, 2024

Supersedes: May 7, 2020

ECLIPSE X-TREME™ ALL PURPOSE CLEANER

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eclipse X-treme All Purpose Cleaner **Product Number:** 343

Recommended Use: All purpose 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 Corrosion - Category 1B
Eye Damage - Category 1

Signal Word: DANGER

Pictogram:



Hazard Statements:

Causes severe skin burns and eye damage.
Causes serious eye damage.

Precautionary Statements:

Do not breathe mist/vapors/spray.
Wash thoroughly after handling.
Wear protective gloves and eye protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician if you feel unwell.
Wash contaminated clothing before reuse.
Store locked up.
Dispose of contents/container according to local, regional and national regulations.

Other Hazards: None known

Supplemental Information: None known

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
sodium metasilicate	6834-92-0	1 - 5
ammonium hydroxide	1336-21-6	1 - 5



SAFETY DATA SHEET 343: CONCENTRATE

Conforms to 1910.1200
Issued: Oct. 11, 2024
Supersedes: May 7, 2020

ECLIPSE X-TREME™ ALL PURPOSE CLEANER

4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eye with plenty of water for at least 15 minutes. (If easy to do, remove contact lenses, if worn). Seek medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.

Inhalation: If breathing is difficult. Remove subject to fresh air. Seek medical attention immediately.

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

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye Contact: Causes eye burns.

Skin Contact: Causes skin burns.

Inhalation: May cause irritation to nose, throat and respiratory tract.

Ingestion: May cause burns to mouth, throat 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: Corrosive liquid. (See Sections 8 and 10.) 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 only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use.

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
ammonia	1336-21-6	25 ppm	35 ppm	50 ppm	N/L



SAFETY DATA SHEET 343: CONCENTRATE

Conforms to 1910.1200

Issued: Oct. 11, 2024

Supersedes: May 7, 2020

ECLIPSE X-TREME™ ALL PURPOSE CLEANER

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: 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: ammonia
Odor Threshold: data not available
pH: 12.0
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: 8.5 lb/gal @ 68°F / 1.03 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), <0.1% (1:128, 1:256, 1:512)

10: STABILITY AND REACTIVITY

Reactivity: None expected under normal conditions.
Reacts exothermically with acids: release of heat.

Stability: Stable under normal conditions.

Hazardous reactions: None known under normal conditions.
Reacts exothermically with acids: release of heat.

Conditions to avoid: Improper order of dilution

Incompatible materials: Strong acids and oxidizing agents.
Do not mix with other chemicals unless stated on the product label.

Hazardous decomposition products: carbon oxides, nitrogen oxides

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Toxicity testing has not been completed on the mixture.
Based on available data, the classification criteria are not met.

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: Can cause severe skin burns.

Eye contact: Can cause serious eye damage.

Sensitization: None expected

Chronic effects: None expected



SAFETY DATA SHEET

343: CONCENTRATE

Conforms to 1910.1200

Issued: Oct. 11, 2024

Supersedes: May 7, 2020

ECLIPSE X-TREME™ ALL PURPOSE CLEANER

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)
sodium metasilicate	1500	data not available	2.3 (2 hr)
ammonium hydroxide	350	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

It is the responsibility of the end user to determine, at the time of disposal, if the waste solution meets the criteria for hazardous waste. Disposal of this material should be in accordance with local, regional and national regulations.

14: TRANSPORT INFORMATION

UN Number: UN1760
UN Proper Shipping Name: Corrosive liquid, n.o.s. (disodium trioxosilicate)
Hazard Class: 8
Packing Group: III
Marine Pollutant: None
Transport in Bulk: N/A
Other Information: Package volumes <5 L each are shipped as Limited Quantity; as permitted by hazard class and quantity exemption.

15: REGULATORY INFORMATION

U.S. REGULATIONS/REPORTING:

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
ammonium hydroxide	1336-21-6	not listed	not listed	1000 lb RQ

STATE RIGHT-TO-KNOW STATUS:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
ammonium hydroxide	1336-21-6	present	present	present	not listed

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:

ATE_{mix} Acute Toxicity Estimate - mixture
CAS Chemical Abstract Service Number
CERCLA Comprehensive Environmental Response, Compensation and Liability Act



SAFETY DATA SHEET 343: CONCENTRATE

Conforms to 1910.1200

Issued: Oct. 11, 2024

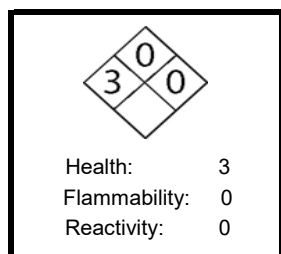
Supersedes: May 7, 2020

ECLIPSE X-TREME™ ALL PURPOSE CLEANER

IARC	International Agency for Research on Cancer
IARC 3	Unclassifiable as to Carcinogenicity in Humans
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
OSHA	Occupational Safety and Health Administration
NTP	National Toxicology Program
RCRA	Resource Conservation and Recovery Act
SDS	Safety Data Sheet
SARA	Superfund Amendments and Reauthorization Act
VOC	Volatile Organic Compound

Revision Information:

Oct. 11, 2024 - Revisions § 1, 8, 10, 11, 13 & 16



Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own studies and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) or the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnish of such information.

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****