



SAFETY DATA SHEET 301DTC: CONCENTRATE

Conforms to 1910.1200
Issued: May 25, 2016
Supersedes: May 15, 2015

ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eclipse Neutral All Purpose Cleaner **Product Number:** 301DTC

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 Sensitization - Category 1

Signal Word: WARNING

Pictogram:



Hazard Statements: May cause an allergic skin reaction.

Precautionary Statements:

- Avoid breathing mist/ vapours/ spray.
- Wear protective gloves and eye protection.
- IF ON SKIN: Wash with plenty of water.
- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before use.
- 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 % *
Diisopropanolamine	110-97-4	5 - 7
d-Limonene	5989-27-5	0.1 -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, seek medical attention.
Skin Contact: Wash with soap and plenty of water. If irritation develops, 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:** May cause mild irritation.
Skin Contact: May cause an allergic skin reaction. May cause mild irritation.
Inhalation: None expected under normal use.



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Ingestion: None expected under normal use.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

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 and skin. Wash thoroughly after handling. Use in well-ventilated areas.

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:

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.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

pink, viscous liquid

Odor:

slight lemon

Odor Threshold:

data not available

pH:

9.0

Freezing Point:

data not available

Boiling Point:

data not available

Flash Point:

> 200°F / > 93°C

Evaporation Rate:

less than water

Flammability (gas, solid):

not applicable to liquids



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Flammability limits:	data not available
Vapor Pressure:	data not available
Vapor Density:	data not available
Relative Density:	8.7 lb/gal @ 68°F / 1.04 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:	<100 centipoise @ 68°F (20°C)
VOC:	0.05% (as supplied), <0.01% (all labelled dilutions)

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: Not determined on product.

LOCAL EFFECTS

Skin contact:	May cause mild irritation.
Eye contact:	May cause mild irritation.
Sensitization:	May cause an allergic 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)	LC50 Inhalation-Rat (mg/l)
Diisopropanolamine	> 2000	8000	N/A
d-Limonene	4400	>5000	data not available

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.
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.

UN Number:	None
UN Proper Shipping Name:	None
Hazard Class:	None
Packing Group:	None
Marine Pollutant:	None



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Transport in Bulk: N/A
Other Information: None

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
Diisopropanolamine	110-97-4	N/L	N/L	present	N/L
d-Limonene	5989-27-5	N/L	present	present	N/L

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:

May 25, 2016 - Logo change, email address, minor edits, Revisions Section 2, 3, 9 12, 15

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****