

### ECLIPSE NEUTRAL ALL PURPOSE CLEANER

#### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eclipse Neutral All Purpose Cleaner  
 Product Type: All-purpose cleaner

Product Number: 301DTC

##### Manufacturer Address:

Amano Pioneer Eclipse Corporation  
 P.O. Box 909  
 1 Eclipse Road  
 Sparta, NC 28675

##### Contact Information:

Telephone: 1-336-372-8080  
 Email: msds@pioneer-eclipse.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

**OSHA status:** Hazardous- Irritant

**Precautions:** Warning! Skin and Eye Irritant. Keep container sealed when not in use.  
 Keep out of reach of children.

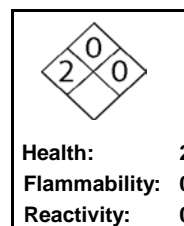
##### Potential Health Effects:

**Eye Contact:** Irritating to eyes.

**Skin Contact:** Irritating to skin.

**Inhalation:** Spray mist can cause irritation to nose, throat and lungs.

**Ingestion:** May cause irritation to mouth, esophagus and stomach.



#### 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient	CAS Number	Weight %
diethanolamine	111-42-2	1 - 5%

#### 4: FIRST AID MEASURES

**Eye Contact:** In case of contact, flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.

**Skin Contact:** In case of contact, flush skin with plenty of water. If irritation persists, get medical attention.

**Inhalation:** If inhaled, remove to fresh air. If irritation persists, get medical attention.

**Ingestion:** If ingested, Do NOT induce vomiting! Seek medical attention immediately.

#### 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Dry chemical, water spray, foam, carbon dioxide

**Special Fire Fighting Procedures:** None

**Hazardous Combustible Products:** None known

**Unusual Fire and Explosion Hazards:** Materials can splatter above 212 °F / 100 °C

#### 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.

**Environmental 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.

### ECLIPSE NEUTRAL ALL PURPOSE CLEANER

#### 7: HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapors or mists.

**Storage:** Storage temperature ( Max. 60°C/140°F - Min. 1°C/34°F).

**Other information:** Keep from freezing, product may coagulate. 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
diethanolamine	111-42-2	0.2 ppm IFV (skin)	N/L	N/L	N/L

**Engineering Controls:** Ensure adequate general ventilation.

##### Personal Protective Equipment (PPE)

**Eye/Face Protection:** Safety glasses recommended

**Skin Protection:** Rubber gloves recommended.

**Respiratory Protection:** Respiratory protection should be worn when there is potential to exceed the exposure limit requirements or guidelines.

#### 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> pink, viscous liquid	<b>Odor:</b> slight lemon
<b>Odor Threshold:</b> N/E	<b>pH:</b> 9
<b>Freezing Point:</b> 32 °F / 0°C	<b>Boiling Point:</b> 212 °F / 100 °C
<b>Flash Point:</b> >200 °F / >93 °C	<b>Evaporation Rate:</b> less than water
<b>Flammability:</b> non-combustible	<b>Upper/Lower Flammability limits:</b> N/E
<b>Vapor Pressure:</b> less than water	<b>Vapor Density:</b> greater than air
<b>Relative Density:</b> 8.7 lb/gal @ 68°F/ 1.04 kg/L @ 20°C	<b>Solubility:</b> 100 % soluble in water
<b>Partition Coefficient (n-octanol/water):</b> N/E	<b>Auto Ignition temperature:</b> N/E
<b>Decomposition Temperature:</b> N/E	<b>Volatile by Weight:</b> 74%
<b>Viscosity:</b> < 200 centipoise @ 68 °F (20 °C)	<b>VOC:</b> 0%

#### 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** None known

**Incompatible materials:** Strong acids and bases

**Hazardous decomposition products:** None known

**Hazardous reactions:** None known

#### 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not determined on product.

Ingredient	LD50 Oral- Rat	LD50 Dermal - Rabbit	LC <sub>50</sub> Inhalation- Rat (mg/l)	Carcinogenicity	CA - Prop 65
diethanolamine	620 µL/kg	7640 µL/kg	N/A	IARC-2B	Listed

##### LOCAL EFFECTS

**Skin contact:** May cause skin irritation

**Eye contact:** May cause eye irritation

**Sensitization:** None expected

**Chronic effects:** None expected

##### SPECIFIC EFFECTS

**Carcinogenicity:** None known

**Reproductive effects:** None known

**Teratogenicity:** None known

**Mutagenicity:** None known

#### 12: ECOLOGICAL INFORMATION

Ecological data not available.

### ECLIPSE NEUTRAL ALL PURPOSE CLEANER

#### 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

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
diethanolamine	111-42-2	N/A	1.00%	100 lb RQ

##### State Right to Know Status:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
diethanolamine	111-42-2	Present	Present	Present	Present

**California Prop 65:** WARNING: This product contains a chemical known to the State of California to cause cancer.

Ingredient	CAS Number	Weight %
diethanolamine	111-42-2	2.4%

##### Canada Regulations/Reporting:

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR)* and the MSDS contains all of the information required by the *CPR*.

**WHMIS Hazard Symbol:**



**WHMIS hazard class:** D2B

##### Ingredients required for disclosure:

Ingredient	CAS Number	Weight %	Classification
diethanolamine	111-42-2	>1%	D2B

#### 16: OTHER INFORMATION

Product intended for commercial and industrial use only.

##### Abbreviations Used:

N/E - Not Established

N/L - Not Listed

N/A - Not applicable

IARC 2B- Possibly carcinogenic to humans.

IFV- Inhalable fraction and vapor

##### Revision History:

11/6/2013- Section 9, 11, 15, 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 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\*\***