

**ECLIPSE® NEUTRAL ALL PURPOSE CLEANER**
**I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**
**Product Name:** Eclipse Neutral All Purpose Cleaner

**Product Number:** 301D

**Product Use:** All-purpose water based cleaner

**Manufacturer Address:**

Amano Pioneer Eclipse Corp.

P.O. Box 909

1 Eclipse Road

Sparta, NC 28675 USA

**Contact Information:**

Telephone: +1 336 372 8080

Internet: www.pioneer-eclipse.com

E-mail: msds@pioneer-eclipse.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**

This preparation has been classified and labeled according to 1999/45/EC.

**EU Classification:** Not classified as dangerous

**Hazard symbol:** None

**Risk phrases:** None

**Safety phrases:** None

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Dangerous Ingredients	EC No.	Weight %	CAS No.	Symbol	R-phrases *
Diethanolamine	203-868-0	0.5 – 1.5	111-42-2	Xn (Harmful) Xi (Irritant)	R 22, R48/22 R38, R41

\* see section 16 for the full text of relevant R-phrases

**4. FIRST AID MEASURES**

This preparation is not expected to produce significant adverse health effects, when recommended use instructions are followed.

**EFFECTS AND SYMPTOMS**
**Inhalation:** None expected under normal use.

**Ingestion:** None expected under normal use.

**Skin contact:** None expected under normal use.

**Eye contact:** None expected under normal use.

**FIRST AID MEASURES**
**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.

**Skin contact:** Wash off with plenty of water. If irritation develops, seek medical attention.

**Eye contact:** Rinse with plenty of water. If irritation develops, seek medical attention.

**5. FIRE FIGHTING MEASURES**
**Extinguishing media:** Dry chemical, water spray, foam, carbon dioxide

**Hazardous combustion products:** None

**Unusual fire and explosion hazards:** Materials can splatter above 100°C/212°F.

**Special fire fighting procedures:** No special fire fighting procedures recommended.

**6. ACCIDENTAL RELEASE MEASURES**

Put on appropriate personal protective equipment (see Section 8).

**Small spills:** Absorb spill on inert material (e.g. sand, earth) and dispose of as waste material in accordance with national and regional provisions.

**Large spills:** Keep spectators away. Floors may be slippery; use care to avoid falling. Neutralize spill area. 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. Keep spills and cleaning runoff out of sewers and open bodies of water.

### 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 vapours or spray mists. Remove and wash contaminated clothing and footwear before re-use.

**Storage:** Storage temperature (Max. 60°C/140°F) (Min. 1°C/34°F). Keep from freezing, product may coagulate. Keep container sealed when not in use. Keep out of reach of children.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure limit values:

Component Name:	Source / Date	Value / Units	Type
Diethanolamine	(US) ACGIH 2010	0.2 ppm	IFV SKIN

**Exposure controls:** Ensure adequate general ventilation.

**Environmental exposure controls:** No specific environmental exposure controls required.

#### PERSONAL PROTECTION

**Respiratory protection:** No specific personal protection is required.

**Hand protection:** Rubber gloves recommended

**Eye protection:** Safety glasses recommended

**Skin protection:** If major exposure is possible, wear suitable protective clothing such as rubber boots, apron, etc.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** pink, viscous liquid

**Odor threshold:** N/E

**Melting point/Freezing Point:** N/A

**Flash point:** None

**Upper/lower flammability/explosive limits:** N/A

**Vapor density:** Greater than air

**Solubility:** 100% soluble in water

**Auto-ignition temperature:** N/A

**Viscosity:** 225 ± 50 centipoise @ 20°C

**Oxidizing properties:** Not an oxidizer

**Odor:** slight lemon

**pH:** 9.25 ± 0.5

**Initial boiling point/boiling range:** 100°C

**Evaporation Rate:** less than water

**Vapor pressure:** less than water

**Relative density:** 1.02 kg/l @ 20°C

**Partition coefficient (n-octanol/water):** N/E

**Decomposition temperature:** N/E

**Explosive Properties:** N/A

**Other information:** N/A

#### 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions.

**Hazardous Reactions:** None known

**Conditions to avoid:** None known

**Incompatible materials:** Strong acids and bases

**Hazardous decomposition products:** None known

#### 11. TOXICOLOGICAL INFORMATION

**PREPARATION SUMMARY** - Toxicity testing has not been completed on the mixture.

##### LOCAL EFFECTS

**Skin contact:** May be mildly irritating

**Eye Contact:** May be mildly irritating

**Sensitization:** None expected

**Chronic effects:** None expected

##### SPECIFIC EFFECTS

**Carcinogenicity:** None known

**Reproductive effects:** None known

**Teratogenicity:** None known

**Mutagenicity:** None known

### ECLIPSE® NEUTRAL ALL PURPOSE CLEANER

#### COMPONENT SUMMARY \*

Diethanolamine CAS# 111-42-2

LD<sub>50</sub>: (oral, rat) 620µl/kg

#### Potential Health Effects

**Eye:** May cause severe irritation.

**Skin:** Repeated or prolonged contact can cause redness and irritation.

**Ingestion:** Low toxicity if swallowed. May result in gastrointestinal irritation or ulceration.

**Inhalation:** Vapor exposure at room temperature is minimal. At elevated temperatures, may cause respiratory irritation.

**Chronic:** Not determined.

**Carcinogenicity:** Listed as ACGIH A3, IARC 3.

\*Component data recorded from available sources pertaining to individual component CAS number.

#### 12. ECOLOGICAL INFORMATION

**PREPARATION SUMMARY** – Ecological testing has not been completed on the mixture.

#### COMPONENT SUMMARY \*

Diethanolamine CAS# 111-42-2

LC50, 96 hr - Pimephales promelas 4460-4980 mg/l

EC50, 48 hr - Daphnia magna 55 mg/l

Environmental Fate: Material is readily biodegradable. Bioconcentration potential is low.

\*Component data recorded from available sources pertaining to individual component CAS number.

#### 13. DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, regional and national regulations.

#### 14. TRANSPORT INFORMATION

No specific transportation guidance suggested. Follow all local, regional and national regulations regarding transport of non-hazardous chemical products.

#### 15. REGULATORY INFORMATION

**EINECS Status** Ingredients are included in the EINECS/ELINCS/NLP inventories.

#### NATIONAL REGULATIONS

648/2004

The surfactants contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of the detergent manufacturer.

No additional national regulations are known to the supplier.

#### 16. OTHER INFORMATION

##### R (Risk) phrases:

**R22** – Harmful if swallowed.

**R38** – Irritating to skin.

**R41** – Risk of serious damage to eyes.

**R48/22** – Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

##### S (Safety) phrases:

**S2** – Keep out of the reach of children

**S26** – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**S36/37/39** – Wear suitable gloves and eye/face protection.

**S46** – If swallowed, seek medical advice immediately and show this container or label.



## SAFETY DATA SHEET

Conforms to 1907/2006/EC

Issued: 04/01/2011

### ECLIPSE® NEUTRAL ALL PURPOSE CLEANER

**Detergent/Cleaner Labeling: (648/2004):**

<5% - anionic surfactant, perfume

5 -<15% - non-ionic surfactant

0.01 <0.1% - d-limonene allergenic fragrance

**Abbreviations:**

N/A = Not Applicable

N/E = Not Established

N/L = Not Listed

IFV = Inhalable fraction and vapor

IARC 3 = Unclassifiable as to carcinogenicity in humans

ACGIH 3A = Confirmed animal carcinogen with unknown relevance to humans

**Issued by:**

Chemical/R&D Department

Amano Pioneer Eclipse Corporation

**Revision Information:**

04/01/2011 – new issue conforming to 1907/2006/EC amendment 453/2010