

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2015/830

Issued: 24 July 2020

Supersedes: 1 Dec 2020

**ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER****1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 PRODUCT IDENTIFIER**

Product Name: Eclipse Neutral All Purpose Cleaner Product Number: 301L5

**1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST**

Product intended for commercial and industrial use only.

Intended Use: Water-based floor cleaner concentrate

Uses Advised Against: Other than per labelled instructions.

**1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

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

**1.4 EMERGENCY TELEPHONE NUMBER****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****2.1 CLASSIFICATION OF THE MIXTURE**

This mixture has been classified according to EC 1272/2008.

CLP Classification: Eye Damage/Irritation - Category 2

Skin sensitisation - Category 1

**2.2 LABEL ELEMENTS**

Signal Word: Warning

Hazard pictogram(s):



Hazard Statement(s):

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

Precautionary Statement(s):

P261 Avoid breathing vapours.

P280 Wear protective gloves and eye protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

**2.3 OTHER HAZARDS** No other hazards are known to the supplier**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1/3.2 SUBSTANCES/MIXTURES**

Ingredient	EC No.	Weight %	CAS No.	REACH-No.	CLP Classification	
					Hazard Class	Hazard Statement(s)*
2-ethanolamine 2-dodecylbenzenesulfonate	248-024-2	1 - < 5	26836-07-7	IONIC MIXTURE	Skin Irrit 2 Eye Dam 1 AquaChr 3	H315 H318 H412

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2-Aminoethanol	205-483-3	≥ 0.1 - < 1	141-43-5	01- 2119486455 -28	AcuteTox 4 AcuteTox 4 Skin Corr1A Eye Dam 1 AquaChr3	H302, H312 H332 H314 H318 H412
1,2-Benzisothiazol-3(2H)-one	220-120-9	< 0.1	2634-33-5	01- 2120761540 -60	AcuteTox 4 Skin Irrit 2 Eye Dam 1 Skin Sens 1 AquaAcute1	H302 H315 H318 H317 H400
2-Methylisothiazol-3(2H)-one	220-293-6	< 0.1	2682-20-4	01- 2120764690 -50	AcuteTox 3 AcuteTox 2 Skin Corr 1B Skin Sens 1 AquaChr 1	H301,H311 H330 H314 H317 H410

\*See section 16 for the full text of (EU) Hazard Statements

Ingredient	EC No.	CAS No.	Specific Concentration Limits
2-Aminoethanol	205-483-3	141-43-5	(5 ≤ C ≤ 100) STOT SE 3, H335
1,2-Benzisothiazol-3(2H)-one	220-120-9	2634-33-5	(0.05 ≤ C ≤ 100) Skin Sens 1, H317
2-Methylisothiazol-3(2H)-one	220-293-6	2682-20-4	(0.0015 ≤ C ≤ 100) Skin Sens 1A, H317

**4 FIRST AID MEASURES****4.1 DECIPTION OF FIRST AID MEASURES**

**Eye Contact:** In case of eye contact, immediately rinse with clean water for 10-15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin Contact:** Wash skin with mild soap and water.

**Inhalation:** If experiencing respiratory symptoms: Allow affected person to breathe fresh air.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Give water to drink. Seek medical advice immediately and show this container or label.

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

Not expected to produce significant adverse health effects when recommended use instructions are followed.

**Eye Contact:** May cause severe irritation.

**Skin Contact:** Not expected to present a significant skin hazard.

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

**Ingestion:** May cause irritation of the linings of the mouth, throat and gastrointestinal tract.

**4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

In case of any doubt or when irritation occurs or persists seek medical advice. If medical advice is needed, have product container or label at hand.

**5. FIRE FIGHTING MEASURES****5.1 EXTINGUISHING MEDIA**

In case of fire: use dry chemical, water spray, foam, carbon dioxide.

**5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE**

The product itself does not maintain combustion.

**5.3 ADVICE FOR FIRE FIGHTERS**

Use fire fighting measures that suit the environment. As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection. Fire-fighters should wear clothing conforming to EN469 for chemical incidents.

**6. ACCIDENTAL RELEASE MEASURES****6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Material may present a serious slipping hazard if spilled on a hard surface.

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**ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER****6.2 ENVIRONMENTAL PRECAUTIONS**

Keep spills and cleaning runoff out of sewers and public waters.

**6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

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. 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.

**6.4 REFERENCE TO OTHER SECTIONS:**

Refer to Section 8 of the SDS - Personal precautions

Refer to Section 7 of the SDS - Precautions in handling and storage

Refer to Section 13 of the SDS - Waste disposal recommendations

**7. HANDLING AND STORAGE****7.1 PRECAUTIONS FOR SAFE HANDLING**

Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

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

**7.3 SPECIFIC END USE(S):** No information available.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 CONTROL PARAMETERS**

Workplace Exposure Limits:

Ingredient	Source	TWA (8hours)		STEL (Short term)		Note(s)
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
2-Aminoethanol (CAS# 141-43-5)	ACGIH TLV	3	7.5	6	15	-
	DE (TRGS 900)	-	-	2	5.1	H,Y,Sh
	DK - At-Vejledning Stoffer og materialier- C.0.1	1	2.5	-	-	H
	EU (2006/15/EC)	1	2.5	3	7.6	Skin
	NO Administrative Norm	1	2.5	-	-	H
	EH40	1	2.5	3	7.6	Skin

**8.2 EXPOSURE CONTROLS**

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.

Environmental exposure controls: No specific environmental exposure controls known.

**Personal Protective Equipment (PPE)**

Eye/Face Protection: Wear eye protection.

Safety glasses or goggles (EN166).

Hand Protection: Chemical resistant gloves are recommended (EN 374).

Protective gloves should be selected according to the application and duration of use. Workplace selection should take into consideration handling requirements, physical requirements and exposure to other substances.

Respiratory Protection: Under normal use of this product, respiratory protection not necessary. 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 with multi-purpose combination filter. (E.g. - EN 14387- ABEK)

Hygiene Measures: Do not eat, drink or smoke when using this product.

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**ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER****9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	clear, light pink, viscous liquid
Odor:	lemon
Odor Threshold:	No data available
pH:	8.5 - 10
Melting Point/Freezing Point:	* 5 °C
Initial boiling point/boiling range:	± 99.3 °C
Flash Point:	> 93°C
Evaporation Rate:	0.3 (butylacetate = 1)
Upper/lower flammability/explosive limits:	No test data available
Vapor Pressure:	23.5 hPa
Vapor Density:	No test data available
Relative Density:	1.014 g/cm <sup>3</sup>
Solubility:	miscible in water
Partition Coefficient (n-octanol/water):	-1.21 (calculated value)
Auto Ignition temperature:	No test data available
Decomposition Temperature:	No test data available
Viscosity:	200 - 300 mPa.s
Explosive Properties:	No test data available
Oxidizing properties:	No test data available

**9.2 OTHER INFORMATION** No additional information available**10. STABILITY AND REACTIVITY**

<b>10.1 REACTIVITY:</b>	Stable under normal conditions.
<b>10.2 CHEMICAL STABILITY:</b>	Stable under normal conditions.
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS:</b>	None known
<b>10.4 CONDITIONS TO AVOID:</b>	None known
<b>10.5 INCOMPATIBLE MATERIALS:</b>	None known
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS:</b>	None under normal conditions.

**11. TOXICOLOGICAL INFORMATION****11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

**ACUTE TOXICITY:** Toxicity testing has not been completed on the mixture.  
Based on criteria 3.1.3 from (EC) 1272/2008, the classification criteria are not met and this product is not toxic.

Component	CAS #	LD50 Oral	LD50 Dermal	LC50 Inhalation Rat (Dust/Mist - mg/l/4h)
2-Ethanolamine 2-dodecylbenzenesulfonate	26836-07-7	> 5000 mg/kg	> 4400 mg/kg	data not available
2-Aminoethanol	141-43-5	1720 mg/kg	1500 mg/kg	data not available
1,2-Benzisothiazol-3(2H)-one	2634-33-5	1020 mg/kg	4115 mg/kg	100 mg/l/4h

**SKIN CORROSION/IRRITATION:** Based on available data, the classification criteria are not met.**SERIOUS EYE DAMAGE/IRRITATION:** Causes serious eye irritation.**RESPIRATORY OR SKIN SENSITIZATION:** Classified as Skin sensitisation - Category 1.  
May cause an allergic skin reaction.

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<b>GERM CELL MUTAGENICITY:</b>	Based on available data, the classification criteria are not met.
<b>CARCINOGENICITY:</b>	Based on available data, the classification criteria are not met.
<b>REPRODUCTIVE TOXICITY:</b>	Based on available data, the classification criteria are not met.
<b>STOT-SINGLE EXPOSURE:</b>	Based on available data, the classification criteria are not met.
<b>STOT-REPEATED EXPSURE:</b>	Based on available data, the classification criteria are not met.
<b>ASPIRATION HAZARD:</b>	Based on available data, the classification criteria are not met.

**11.2 POTENTIAL ADVERSE HEALTH EFFECTS**

Effects and symptoms related to this mixture, if any, are listed in Section 4.2.

**12. ECOLOGICAL INFORMATION****12.1 TOXICITY:** Ecological testing has not been completed on the mixture.

Based on criteria 4.1.3 of (EC) 1272/2008 this product is not dangerous to the environment. Components that are dangerous to the environment are mentioned below.

Component	CAS #	LC50 fish 1	EC50 other aquatic organisms	EC50 algae
2-Ethanolamine 2-dodecylbenzenesulfonate	26836-07-7	1 mg/l	12.2 - 17 mg/l Daphnia	data not available
2-Aminoethanol	141-43-5	349 mg/l	65 mg/l Daphnia	15 mg/l/72h
2-Methylisothiazol-3(2H)-one	2682-20-4	4.77 mg/kg	0.934 mg/l - Daphnia	0.0725 mg/l/72h
1,2-Benzisothiazol-3(2H)-one	2634-33-5	2.18 mg/kg	2.94 mg/kg	0.11 mg/l/72 h

**12.2 PERSISTANCE AND DEGRADABILITY:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as 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 a detergent manufacturer.

Component	CAS #	Biodegradability
2-Aminoethanol	141-43-5	> 90% Readily biodegradable

**12.3 BIOACCUMULATIVE POTENTIAL:**

Product / Component	CAS #	Partition coefficient n-octanol/water
Eclipse Neutral All Purpose Cleaner	mixture	-1.21 (calculated)
2-Ethanolamine 2-dodecylbenzenesulfonate	26836-07-7	6.11
2-Aminoethanol	141-43-5	-2.03 -1.31
2-Methylisothiazol-3(2H)-one	2682-20-4	-0.32
1,2-Benzisothiazol-3(2H)-one	2634-33-5	0.7

**12.4 MOBILITY IN SOIL:** No additional information available.**12.5 RESULTS OF PBT AND vPvB ASSESSMENT:**

Eclipse Neutral All Purpose Cleaner	This mixture does not meet the PBT criteria of REACH regulation, Annex XIII. This mixture does not meet vPvB criteria of REACH regulation, Annex XIII.
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**12.6 OTHER ADVERSE EFFECTS:** No additional information available.**12.7 ADDITIONAL INFORMATION:** Mixture is not classified with Aquatic hazards.



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### 13. DISPOSAL CONSIDERATIONS

#### 13.1 WASTE TREATMENT METHODS

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

EU Waste Catalogue: 20 01 30 - detergents other than those mentioned in 20 01 29

### 14. TRANSPORT INFORMATION

Product is not classified as hazardous for transport regulations.

- 14.1 **UN NUMBER:** None  
14.2 **UN PROPER SHIPPING NAME:** None  
14.3 **TRANSPORT HAZARD CLASSES:** None  
14.4 **PACKING GROUP:** None  
14.5 **ENVIRONMENTAL HAZARDS:** None  
14.6 **SPECIAL PRECAUTIONS:** None  
14.7 **TRANSPORT IN BULK ACCORDING TO ANNEX II OF MAPROL73/78 AND THE IBC CODE:** N/A

### 15. REGULATORY INFORMATION

#### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE MIXTURE:

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to EU 649/2012

Contains no substance subject to EU 2019/1021

**Detergent Regulation EC 648/2004:** Labeling of contents

Component	%
Anionic surfactants, non-ionic surfactants, polycarboxylates	< 5%
Benzisothiazolinone	
Methylisothiazolinone	
Perfumes	

#### 15.2 CHEMICAL SAFETY ASSESSMENT:

No chemical safety assessment has been carried out.

### 16. OTHER INFORMATION

#### REVISION INFORMATION:

July 24, 2020 - Revisions § 2, 3, 4, 5, 6, 8, 9, 11, 12, 15 & 16 (Classification and supporting details)

#### ABBREVIATIONS:

N/A - Not applicable

N/E - Not Established

N/L - Not Listed

#### FULL TEXT OF HAZARD STATEMENTS AND EUH-STATEMENTS:

- H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H330 Fatal if inhaled.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.

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H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

**FULL TEXT OF PRECAUTIONARY STATEMENTS:**

EUH210 Safety data sheet available on request.

P264 Wash hands thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear eye protection.

P321 Specific treatment (see the label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local, regional and national regulations.

**CLASSIFICATION ACCORDING TO EC 1272/2008:****Classification and procedure used to derive the classification for mixture:**

Eye Irrit 2	H319	Calculation method
Skin Sens 1	H317	Calculation method

**ISSUED BY:**

Chemical/R&amp;D Department

Amano Pioneer Eclipse Corporation