

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2020/878

Issued: 7 Oct 2022

Supersedes: 24 July 2020

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

Product Name: Eclipse Neutral All Purpose Cleaner  
UFI: NXXV-2UDH-F004-CU13

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 DISTRIBUTOR**

Marpól ehf  
Dalbrekka 15  
200 Kópavogur  
Iceland  
Telephone: +354 5445588  
Email: marpol@marpol.is  
Internet: www.marpol.is

**1.4 EMERGENCY TELEPHONE NUMBER**

**For Chemical Emergency:** Spill, Leak, Fire, Exposure or Accident. Call 112 EMERGENCY SERVICES Day or Night. 543-2222 POISON CENTRE (EITRUNARMÍÐSTÖÐ)

**SECTION 2: HAZARDS IDENTIFICATION****2.1 CLASSIFICATION OF THE MIXTURE**

This mixture has been classified according to EC 1272/2008.  
Classification: Eye Damage/Irritation - Category 2  
Skin Sensitisation - Category 1

**2.2 LABEL ELEMENTS**

Signal Word: Warning

Hazard pictogram:



Contains: Benzisothiazolinone, Methylisothiazolinone

Hazard Statements:

H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.

Precautionary Statements:

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2020/878

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**ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER****3.1/3.2 SUBSTANCES/MIXTURES**

Ingredient	EC No.	Weight %	CAS No.	REACH-No.	CLP Classification	
					Hazard Class	Hazard Statement(s)*
Ethanolamine Dodecylbenzenesulfonate	248-024-2	1 - < 5	26836-07-7	Ionic Mixture	Skin Irrit 2 Eye Dam 1 AquaChr 3	H315 H318 H412
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 AcuteTox2 Skin Irrit 2 Eye Dam 1 Skin Sens 1 AquaAcute1	H302, H312 H330 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 1A EyeDam 1 AqAcute1 AquaChr 1	H301, H311 H330 H314 H317 H318 H400 H410

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

Ingredient	EC No.	CAS No.	Specific Concentration Limits M-Factors
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 Aquatic Acute 1, H400 (M-10)

**SECTION 4: FIRST AID MEASURES****4.1 DESCRIPTION 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.

**SECTION 5: FIRE FIGHTING MEASURES****5.1 EXTINGUISHING MEDIA**

All known extinguishants can be used.

**5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE**

The product itself does not maintain combustion.

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2020/878

Issued: 7 Oct 2022

Supersedes: 24 July 2020

**ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER****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.

**SECTION 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.

**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

**SECTION 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.**SECTION 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).

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2020/878

Issued: 7 Oct 2022

Supersedes: 24 July 2020

**ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER**

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.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Physical state:	Liquid
Colour:	Clear, light pink
Odour:	Lemon
Melting point/Freezing point:	± -5 °C
Boiling point/Boiling range:	± 99,3°C
Flammability:	Does not maintain combustion.
Lower and upper explosion limits:	No test data available
Flash Point:	> 93°C
Auto-ignition temperature:	No test data available
Decomposition temperature:	No test data available
pH:	8,5 - 10
Kinematic viscosity:	200 - 300 mm <sup>2</sup> /s
Solubility:	Water, completely soluble
Partition coefficient n-octanol/water [log Pow]:	-1,21 (calculated value)
Vapor pressure:	23,5 hPa
Density:	1,014 g/cm <sup>3</sup>
Relative vapor density:	No test data available
Particle characteristics:	Not applicable to liquids

**9.2 OTHER INFORMATION****9.2.1 - Information with regard to physical hazard class:**

Oxidising properties:	Not established
Explosive properties:	Not established

**9.2.2 - Other safety characteristics:**

Relative evaporation rate (butylacetate=1):	< 1
VOC:	< 30%

**SECTION 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.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 INFORMATION ON HAZARD CLASSES AS DEFINED BY REGULATION (EC) 1272/2008**

**ACUTE TOXICITY:** Toxicity testing has not been completed on the mixture.

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2020/878

Issued: 7 Oct 2022

Supersedes: 24 July 2020

**ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER**

ATE<sub>mix</sub> (oral): > 2000 mg/kg  
 ATE<sub>mix</sub> (dermal): > 2000 mg/kg  
 ATE<sub>mix</sub> (inhalation): > 20 mg/l (4 hr/vapour)

Based on criteria 3.1.3 from (EC) 1272/2008, the Acute Toxicity classification criteria are not met.

Components details are given below:

Component	CAS #	LD50 Oral	LD50 Dermal	LC50 Inhalation (Dust/Mist)
Ethanolamine 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:** Classified as Eye Irritation - Category 2  
 Causes serious eye irritation.

**RESPIRATORY OR SKIN SENSITIZATION:** Classified as Skin sensitisation - Category 1.  
 May cause an allergic skin reaction.

**GERM CELL MUTAGENICITY:** Based on available data, the classification criteria are not met.

**CARCINOGENICITY:** Based on available data, the classification criteria are not met.

**REPRODUCTIVE TOXICITY:** Based on available data, the classification criteria are not met.

**STOT-SINGLE EXPOSURE:** Based on available data, the classification criteria are not met.

**STOT-REPEATED EXPOSURE:** Based on available data, the classification criteria are not met.

**ASPIRATION HAZARD:** Based on available data, the classification criteria are not met.

**11.2 INFORMATION ON OTHER HAZARDS**

**11.2.1 Endocrine disrupting properties:** None known

**11.2.2 Other information:** No additional information available

**SECTION 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 details are given below:

Component	CAS #	LC50 fish (96 h)	EC50 Daphnia (48 h)	EC50 algae (72 h)
Ethanolamine Dodecylbenzenesulfonate	26836-07-7	1 mg/l	12.2 - 17 mg/l	data not available
2-Aminoethanol	141-43-5	349 mg/l	65 mg/l	2.5 mg/l
2-Methylisothiazol-3(2H)-one	2682-20-4	4,77 mg/kg	0,934 mg/l	0,0725 mg/l
1,2-Benzisothiazol-3(2H)-one	2634-33-5	2,18 mg/kg	2,94 mg/kg	0,11 mg/l

**12.2 PERSISTENCE 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 (Log Pow)
Eclipse Neutral All Purpose Cleaner	mixture	-1,21 (calculated)
Ethanolamine Dodecylbenzenesulfonate	26836-07-7	6,11

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2020/878

Issued: 7 Oct 2022

Supersedes: 24 July 2020

**ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER**

2-Aminoethanol	141-43-5	-2,3 -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:** Testing has not been completed on the mixture.**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 ENDOCRINE DISRUPTING PROPERTIES:** None known**12.7 OTHER ADVERSE EFFECTS:** No additional information available.**SECTION 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 29\* - detergents containing hazardous substances

**SECTION 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 MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS:** Product is not transported in bulk.

**SECTION 15: REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE MIXTURE:**

Does not contain substances or labelled product uses subject to REACH Annex XVII restriction.

See Annex XVII of Regulation (EC) 1907/2006 for Designation of the substances and Conditions of restriction.

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	
d-Limonene	

**15.2 CHEMICAL SAFETY ASSESSMENT:**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION****REVISION INFORMATION:**

7 Oct 2022 - Revisions per (EU) 2020/878; § 1, 2, 3, 5, 7, 8, 9, 11, 12, 13, 14, 15 &amp; 16

**ABBREVIATIONS:**

ATE Acute Toxicity Estimate  
CAS No. Chemical Abstract Service Number

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2020/878

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Supersedes: 24 July 2020

**ECLIPSE™ NEUTRAL ALL PURPOSE CLEANER**

CLP	Classification Labeling Packaging Regulation (EC) 1272/2008
EC50	Median Effective Concentration.
EC No.	European Union Identification Number
IMO	International Maritime Organization
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation, (EC) 1907/2006
SDS	Safety Data Sheet
STEL	Short-Term Exposure Limit
TWA	Time Weighted Average
UFI	Unique Formula Identifier
UN	United Nations
VOC	Volatile Organic Compound
vPvB	Very Persistent and Very Bioaccumulative

**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

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

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful 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.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
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.

**ISSUED BY:**

Chemical/R&D Department  
Amano Pioneer Eclipse Corporation

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