

**SAFETY DATA SHEET**

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

Issued: 29 July 2020

Supersedes: 03 March 2017

**REBOUND™****1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 PRODUCT IDENTIFIER**

Product Name: Rebound Cleaner/Enhancer

Product Number: 211L5

**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 finish cleaner/enhancer

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 1

**2.2 LABEL ELEMENTS**

Signal Word: Danger

Hazard pictogram(s):



Hazard Statement(s):

H318 Causes serious eye damage.

Precautionary Statement(s):

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

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

P310 Immediately call a POISON CENTER or doctor.

**2.3 OTHER HAZARDS**

EUH208 Contains benzisothiazolinone. May produce an allergic reaction

**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)*
Alcohols, C9-11, ethoxylated	614-482-0	10 - < 20	68439-46-3	Exempted, Polymer	AcuteTox4 Eye Dam. 1	H302 H318

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2-aminoethanol	205-483-3	< 0.1	141-43-5	01- 2119486455- 28	AcuteTox 4 Skin Corr 1A Eye Dam 1 AquaChr 3	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

\*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

**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. Seek medical advice if irritation persists.

**Skin Contact:** Wash with plenty of soap and water. If irritation develops, seek medical attention.

**Inhalation:** Not expected to require first aid measures. If breathing is difficult: Remove subject to fresh air.

**Ingestion:** Rinse mouth and drink water. DO NOT induce vomiting unless directed to do so by medical personnel. Call a physician or poison control center immediately and show bottle 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**

All known extinguishants can be used.

**5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE**

This product 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.

**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.



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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.

- 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**  
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	7.6	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:** This product is not classified as dangerous for the skin and therefore no protection gloves are necessary when this product is used. In case of prolonged use or sensitive skin, where irritation is possible, it would be recommended to use gloves. (EN374)  
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. Avoid contact with skin and eyes.

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**REBOUND™****9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	green liquid
Odor:	lemon
Odor Threshold:	No data available
pH:	9 - 10
Melting Point/Freezing Point:	± -12 °C
Initial boiling point/boiling range:	± 100°C
Flash Point:	> 70°C
Evaporation Rate:	< 1 (butylacetate = 1)
Upper/lower flammability/explosive limits:	No data available
Vapor Pressure:	± 23.2 hPa
Vapor Density:	No data available
Relative Density:	1.01 g/cm <sup>3</sup>
Solubility:	completely soluble in water
Partition Coefficient (n-octanol/water):	-0.07 (calculated value)
Auto Ignition temperature:	No data available
Decomposition Temperature:	No data available
Viscosity, dynamic:	16 - 25 mPa.s
Explosive Properties:	No data available
Oxidizing properties:	No data available

**9.2 OTHER INFORMATION**

VOC: 0.90%

**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 under normal conditions. Reacts exothermically with acids: release of heat.
<b>10.4 CONDITIONS TO AVOID:</b>	None known
<b>10.5 INCOMPATIBLE MATERIALS:</b>	None under normal conditions. Acids. Do not mix with other chemicals unless stated on the product label.
<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. Components details are given below.

Component	CAS #	LD50 Oral, rat	LD50 Dermal, rabbit	LC50 Inhalation
2-Aminoethanol	141-43-5	1720 mg/kg	1500 mg/kg	data not available
Alcohols, C9-11, ethoxylated	68439-46-3	> 2000 mg/kg	> 2000 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 Damage - Category 1.  
Causes serious eye damage.

**RESPIRATORY OR SKIN SENSITIZATION:** Based on available data, the classification criteria are not met.

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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 EXPOSURE:</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 details are given below.

Component	CAS #	LC50 fish 1	EC50 other aquatic organisms	EC50 algae
2-Aminoethanol	141-43-5	349 mg/l	65 mg/l Daphnia	15 mg/l/72h
Alcohols, C9-11, ethoxylated	68439-46-3	5 - 7 mg/l	5.3 mg/l Daphnia	data not available
1,2-Benzisothiazol-3(2H)-one	2634-33-5	2.18 mg/kg	2.94 mg/kg Daphnia	0.11 mg/l/72 h

**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
Alcohols, C9-11, ethoxylated	68439-46-3	Readily biodegradable
2-Aminoethanol	141-43-5	> 90% Readily biodegradable

**12.3 BIOACCUMULATIVE POTENTIAL:**

Product / Component	CAS #	Partition coefficient n-octanol/water
Rebound Cleaner/Enhancer	mixture	-0.07 (calculated)
Alcohols, C9-11, ethoxylated	68439-46-3	3.3 - 4.8
2-Aminoethanol	141-43-5	-2.03 -1.31
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:**

Rebound Cleaner/Enhancer	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.

**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 dangerous substances

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**REBOUND™****14. TRANSPORT INFORMATION**

- 14.1 **UN NUMBER:** Product is not classified as hazardous for transport regulations.  
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: Labeling of contents

Component	%
non-ionic surfactants	15 - 30%
benzisothiazolinone	
perfumes	
limonene	

**15.2 CHEMICAL SAFETY ASSESSMENT:**

No chemical safety assessment has been carried out.

**16. OTHER INFORMATION****REVISION INFORMATION:**

July 29, 2020 - Revisions § 2, 3, 4, 5, 6, 8, 9, 11, 12, 15 &amp; 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:**

H302 Harmful if swallowed.  
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.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

**FULL TEXT OF PRECAUTIONARY STATEMENTS:**

EUH210 Safety data sheet available on request.

**CLASSIFICATION ACCORDING TO EC 1272/2008:**

Classification and procedure used to derive the classification for mixture:		
Eye Damage 1	H318	Calculation method

**ISSUED BY:**

Chemical/R&D Department  
Amano Pioneer Eclipse Corporation