

SAFETY DATA SHEET

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

Issued: 5 Oct 2022

Supersedes: 29 July 2020

REBOUND™**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 PRODUCT IDENTIFIER**

Product Name: Rebound Cleaner/Enhancer
 UFI: Y1QU-TK4K-N00N-DSNN

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 and 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)

SECTION 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:



Contains: C9-11 Pareth-6

Hazard Statement:
 H318 Causes serious eye damage.

Precautionary Statements:

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

SECTION 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 Corr1A 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	AcuteTox2 AcuteTox 4 Skin Irrit 2 Eye Dam 1 Skin Sens 1 AquaAcute1	H330 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

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. 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 serious eye irritation. Redness.
- Skin Contact:** Not expected to present a significant skin hazard. Prolonged contact may cause slight irritation and redness.
- 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

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.

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.



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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

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**
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 ³	ppm	mg/m ³	
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 as directed. 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Colour: Green

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Odour:	Lemon
Melting point/Freezing point:	± -12 °C
Boiling point/Boiling range:	± 100°C
Flammability:	Does not maintain combustion.
Lower and upper explosion limits:	No test data available
Flash Point:	> 70°C
Auto-ignition temperature:	No test data available
Decomposition temperature:	No test data available
pH:	9 - 10
Kinematic viscosity:	15 - 24 mm ² /s
Solubility:	Water, completely soluble
Partition coefficient n-octanol/water [log Pow]:	-0.07 (calculated value)
Vapor pressure:	± 23.2 hPa
Density:	1.035 - 1.055 g/cm ³
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:	0.9%

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY:	Stable under normal conditions. Reacts exothermically with acids: release of heat.
10.2 CHEMICAL STABILITY:	Stable under normal conditions.
10.3 POSSIBILITY OF HAZARDOUS REACTIONS:	None under normal conditions. Reacts exothermically with acids: release of heat.
10.4 CONDITIONS TO AVOID:	None known
10.5 INCOMPATIBLE MATERIALS:	None under normal conditions. Acids. Do not mix with other chemicals unless stated on the product label.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS:	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.

ATE _{mix} (oral):	> 2000 mg/kg
ATE _{mix} (dermal):	> 2000 mg/kg
ATE _{mix} (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 Rat	LD50 Dermal Rabbit	LC50 Inhalation Rat
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 Damage - Category 1.
Causes serious eye damage.



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- RESPIRATORY OR SKIN SENSITIZATION:** Based on available data, the classification criteria are not met.
- 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 EXPSURE:** 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
2-Aminoethanol	141-43-5	349 mg/l	65 mg/l Daphnia	15 mg/l (72 hr)
Alcohols, C9-11, ethoxylated	68439-46-3	5 - 7 mg/l	5.3 mg/l Daphnia	1.4 - 4.7 mg/l (ErC50)
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 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
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	-2.3 -1.31
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:

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 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.



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- 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 FOR USER:** 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.

EC 648/2004 (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.

SECTION 16: OTHER INFORMATION

REVISION INFORMATION:

5 Oct 2022 - Revisions per EU 2020/878, § ,2, 3, 4, 8, 9, 10, 11, 12, 14 & 16

ABBREVIATIONS:

ATE	Acute Toxicity Estimate
CAS No.	Chemical Abstract Service Number
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 Damage 1	H318	Calculation method

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.



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H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
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.

ISSUED BY:

Chemical/R&D Department
Amano Pioneer Eclipse Corporation

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