



SAFETY DATA SHEET

342: CONCENTRATE

Conforms to 1910.1200
Issued: Nov. 24, 2025
Supersedes: May 16, 2016

REBOOT™ DEEP SCRUB FLOOR CLEANER

1: IDENTIFICATION

Product Name: Reboot Deep Scrub Floor Cleaner **Product Number:** 342

Recommended Use: Deep scrub floor cleaner
Concentrate - dilute prior to use.
Product intended for commercial and industrial use only.

Uses Advised Against: Other than per labelled instructions

Manufacturer Address:

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

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

Classification: Skin Corrosion - Category 1
Eye Damage - Category 1
Skin Sensitization - Category 1

Signal Word: DANGER

Pictograms:



Hazard Statements:

Causes severe skin burns and eye damage.
Causes serious eye damage.
May produce an allergic skin reaction.

Precautionary Statements:

Do not breathe mist/vapours/spray.
Wash thoroughly after handling.
Wear protective gloves and eye/face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation or rash occurs: Get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician if you feel unwell.
Wash contaminated clothing before reuse.
Store locked up.
Dispose of contents/container according to local, regional, national and international regulations.

Other Hazards: None known

Supplemental Information: None known

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
2- butoxyethanol	111-76-2	3 - 7
sodium carbonate	497-19-8	1 - 5
sodium metasilicate	6834-92-0	1 - 5
sodium hydroxide	1310-73-2	1 - 5



SAFETY DATA SHEET
342: CONCENTRATE

Conforms to 1910.1200
Issued: Nov. 24, 2025
Supersedes: May 16, 2016

REBOOT™ DEEP SCRUB FLOOR CLEANER

d-Limonene	5989-27-5	0.1 - 0.2
------------	-----------	-----------

* Exact concentration of the ingredients has been withheld as a trade secret.

4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

- Eye Contact:** In case of contact, immediately flush eye with plenty of water for at least 15 minutes. (If easy to do, remove contact lenses, if worn). Seek medical attention.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.
- Inhalation:** If breathing is difficult. Remove subject to fresh air. Seek medical attention immediately.
- Ingestion:** Call a physician or poison control center. Do not induce vomiting. Seek medical advice immediately.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Eye Contact:** Causes eye burns.
- Skin Contact:** Causes skin burns. May cause an allergic reaction.
- Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.
- Ingestion:** May cause burns to mouth, throat and stomach.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

5: FIRE-FIGHTING MEASURES

- Suitable Extinguishing media:** Water spray, CO₂ dry chemical, alcohol-type or universal type foams
- Specific Hazards:** Corrosive liquid. (See Sections 8 and 10.) Do not spray a solid stream of water or foam directly in hot liquid. This may cause frothing.
- Protective Equipment and Precautions:** Fire fighters should wear NIOSH approved breathing apparatus. Materials can splatter above 100° C / 212° F

6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery: use care to avoid falling.
- Environment Precautions:** Keep spills and cleaning run-off out of sewers and open bodies of water.

CONTAINMENT AND CLEAN-UP

- Small Spills:** Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.
- Large Spills:** 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.
- Waste Disposal:** Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

7: HANDLING AND STORAGE

- Precautions for Safe Handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use.
- Conditions for Safe Storage:** Storage temperature (Max. 60°C/140°F - Min. 1°C/34°F)
- Other Information:** Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

Ingredient	CAS Number	ACGIH		OSHA	
		TWA	STEL	TWA	STEL
2-butoxyethanol	111-76-2	20 ppm (BEI)	-	50 ppm (skin)	-
sodium hydroxide	1310-73-2	-	2 ppm (ceiling)	2 ppm	-



SAFETY DATA SHEET

342: CONCENTRATE

Conforms to 1910.1200

Issued: Nov. 24, 2025

Supersedes: May 16, 2016

REBOOT™ DEEP SCRUB FLOOR CLEANER

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.

Personal Protective Equipment (PPE)

Eye/Face Protection: Wear eye and face protection.

Skin Protection: Wear chemical resistant gloves.

Respiratory Protection: 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.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Clear, blue
Odor: Lemon-lime
Melting Point/Freezing Point: Data not available
Boiling Point/Boiling Range: Data not available
Flammability: Not applicable
Upper/Lower Flammability Limits: Data not available
Flash Point: >200 °F / >93 °C
Auto-Ignition Temperature: Data not available
Decomposition Temperature: Data not available
pH: 12.5
Viscosity: < 5 centipoise @ 68°F (20°C)
Solubility: Water soluble
Partition Coefficient: Data not available
Vapor Pressure: Data not available
Density: 8.7 lb/gal @ 68°F / 1.05 kg/l @ 20°C
Vapor Density: Data not available
Particle Characteristics: Not applicable
VOC: 5% (as supplied), 0.16% (1:32), 0.08% (1:64)

10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions. Reacts exothermically with acids: release of heat.

Stability: Stable under normal conditions.

Hazardous reactions: None known under normal conditions. Reacts exothermically with acids: release of heat.

Conditions to avoid: Improper order of dilution.

Incompatible materials: Strong acids and oxidizing agents. Do not mix with other chemicals unless stated on the product label.

Hazardous decomposition products: carbon monoxide, carbon dioxide and nitrogen oxides

11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Skin contact: Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Eye contact: Causes serious eye damage.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: May cause burns to mouth, throat and stomach.

ACUTE TOXICITY: Based on available data, classification criteria are not met.

ATE_{mix} (oral): > 2000 mg/kg

ATE_{mix} (dermal): > 2000 mg/kg

ATE_{mix} (inhalation): > 20 mg/l (4 hr/vapor)



SAFETY DATA SHEET
342: CONCENTRATE

Conforms to 1910.1200
Issued: Nov. 24, 2025
Supersedes: May 16, 2016

REBOOT™ DEEP SCRUB FLOOR CLEANER

<u>SKIN CORROSION/IRRITATION:</u>	Classified as Skin Corrosion- Category 1.
<u>SERIOUS EYE DAMAGE/IRRITATION:</u>	Classified as Eye Damage - Category 1.
<u>RESPIRATORY OR SKIN SENSITIZATION:</u>	Classified as Skin Sensitization - Category 1.
<u>GERM CELL MUTAGENICITY:</u>	Based on available data, the classification criteria are not met.
<u>CARCINOGENICITY:</u>	Based on available data, the classification criteria are not met.
<u>REPRODUCTIVE TOXICITY:</u>	Based on available data, the classification criteria are not met.
<u>STOT-SINGLE EXPOSURE:</u>	Based on available data, the classification criteria are not met.
<u>STOT-REPEATED EXPSURE:</u>	Based on available data, the classification criteria are not met.
<u>ASPIRATION HAZARD:</u>	Based on available data, the classification criteria are not met.

COMPONENT INFORMATION

Component	LD50 Oral-Rat (mg/kg)	LD50 Dermal - Rabbit (mg/kg)	LC50 Inhalation-Rat (mg/L)
2- butoxyethanol	470	220	2.2 (4 hr)
sodium carbonate	4090	2210 (mouse)	data not available
sodium metasilicate	1500	data not available	2.3 (2 hr)
sodium hydroxide	220 (50% solution)	1350	data not available
d-limonene	4400	> 2000	data not available

Carcinogenicity:

Component	IARC	NTP	OSHA
2- butoxyethanol	IARC 3	Not listed	Not listed
d-limonene	IARC 3	Not listed	Not listed

12: ECOLOGICAL INFORMATION

<u>Ecotoxicity:</u>	Ecological testing has not been completed on the mixture.
<u>Persistence and Degradability:</u>	Data not available.
<u>Bioaccumulative Potential:</u>	Data not available.
<u>Mobility in Soil:</u>	Data not available.
<u>Other Adverse Effects:</u>	Data not available.

13: DISPOSAL CONSIDERATIONS

Waste residues or unused products:

Disposal of this material should be in accordance with local, regional and national regulations.
This product, as sold, if discarded or disposed, is a hazardous waste according to 40 CFR 261.
It is the responsibility of the end user to determine, at the time of disposal, if the waste solution meets the criteria for hazardous waste.

RCRA Hazard Class (as sold): D002 - Corrosive

14: TRANSPORT INFORMATION

<u>UN Number:</u>	UN1760
<u>UN Proper Shipping Name:</u>	Corrosive liquid, n.o.s. (disodium trioxosilicate)
<u>Hazard Class:</u>	8
<u>Packing Group:</u>	II
<u>Marine Pollutant:</u>	None
<u>Transport in Bulk:</u>	Product is not transported in bulk.
<u>Other Information:</u>	Package volumes <1 L each are shipped as Limited Quantity; as permitted by hazard class and quantity exemption.



SAFETY DATA SHEET
342: CONCENTRATE

Conforms to 1910.1200
Issued: Nov. 24, 2025
Supersedes: May 16, 2016

REBOOT™ DEEP SCRUB FLOOR CLEANER

15: REGULATORY INFORMATION

U.S. REGULATIONS/REPORTING:

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
2- Butoxyethanol	111-76-2	N/L	0.01	N/L
sodium hydroxide	1310-73-2	N/L	N/L	1000 lb RQ

STATE RIGHT-TO-KNOW STATUS:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
2- butoxyethanol	111-76-2	present	present	present	present
sodium hydroxide	1310-73-2	present	present	present	present

CALIFORNIA PROPOSITION 65: Components are not present on CA Prop 65 listing.

CANADA REGULATIONS/REPORTING:

This product has been classified in accordance with the hazard criteria of the Hazardous Product Regulation (HPR) and the SDS contains the information required by the HPR.

NPRI Substance List

Ingredient	CAS Number	Part #	Reporting Threshold
2- Butoxyethanol	111-76-2	Part 1A	10 tonnes MPO
		Part 5	1 tonne air release
d-Limonene	5989-27-5	Part 5	1 tonne air release

2-Butoxyethanol Regulations

Product diluted per label directions complies to 2-Butoxyethanol Regulation requirements.

Product Category	Dilution Ratio	Concentration Limit
Any other non-aerosol cleaner	1:32, 1:64	≤ 6 % (w/w)

16: OTHER INFORMATION

Abbreviations Used:

- ATE_{mix} Acute Toxicity Estimate - mixture
- CAS Chemical Abstract Service Number
- CERCLA Comprehensive Environmental Response, Compensation and Liability Act
- IARC International Agency for Research on Cancer
- IARC 3 Unclassifiable as to carcinogenicity in humans
- LC50 Median Lethal Concentration
- LD50 Median Lethal Dose
- N230 Glycol ethers, generic class
- NPRI National Pollutant Release Inventory
- NTP National Toxicology Program
- OSHA Occupational Safety and Health Administration
- RCRA Resource Conservation and Recovery Act
- SARA Superfund Amendments and Reauthorization Act
- SDS Safety Data Sheet
- VOC Volatile Organic Compound

Revision Information:

Nov. 24, 2025 - Revisions § 1, 2, 8, 9, 10, 11, 13, 15 & 16

Health: 3
Flammability: 0
Reactivity: 0



SAFETY DATA SHEET 342: CONCENTRATE

Conforms to 1910.1200

Issued: Nov. 24, 2025

Supersedes: May 16, 2016

REBOOT™ DEEP SCRUB FLOOR CLEANER

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own studies and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) or the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnish of such information.

This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

****IMPORTANT SAFETY INFORMATION**DO NOT DISCARD**PLEASE ROUTE TO COMPANY SAFETY OFFICER****