



SAFETY DATA SHEET READY TO USE

Conforms to 1910.1200
Issued: Feb. 12, 2026
Supersedes: Nov. 20, 2019
ORION 25™

1: IDENTIFICATION

Product Name: Orion 25 Low Maintenance Floor Coating **Product Number:** 148
Recommended Use: Floor Finish
Ready 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: Not classified as hazardous; as determined by OSHA 1910.1200.
Signal Word: None
Pictogram: None
Hazard Statements: None
Precautionary Statements: None
Other Hazards: None
Supplemental Information: None

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
diethylene glycol monoethyl ether	111-90-0	5 - 10

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

4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

Eye Contact: Rinse with plenty of water. If irritation develops and persists, seek medical attention.
Skin Contact: Wash with soap and plenty of water. If irritation develops and persists, seek medical attention.
Inhalation: If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.
Ingestion: If ingested, do not induce vomiting. Seek medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye Contact: None expected under normal use.
Skin Contact: None expected under normal use.
Inhalation: None expected under normal use.
Ingestion: None expected under normal use.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

5: FIRE-FIGHTING MEASURES

Suitable Extinguishing media: Dry Chemical, water spray, foam, carbon dioxide
Specific Hazards: Materials can splatter above 212 °F / 100 °C
Protective Equipment and Precautions: No special fire fighting procedures recommended. Follow all general fire safety guidelines.



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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 and skin. Wash thoroughly after handling. Use in well-ventilated areas.

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: None

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: Personal protective equipment not required with normal use. If there is a risk of product being splashed: Wear eye protection.

Skin Protection: Personal protective equipment not required with normal use. In case of prolonged use or sensitive skin, chemical resistant gloves are recommended.

Respiratory Protection: Personal protective equipment not required with normal use. General room ventilation should be adequate. Respiratory protection should be worn if 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: milky, white

Odor: Mild odor

Melting Point/Freezing Point: Test data not available

Boiling Point/Boiling Range: Test data not available

Flammability: Not applicable

Upper/Lower Flammability Limits: Test data not available

Flash Point: >200 °F / >93 °C

Auto-Ignition Temperature: Test data not available

Decomposition Temperature: Test data not available

pH: 7.8

Viscosity: < 10 centipoise @ 68 °F (20 °C)

Solubility: Miscible in water

Partition Coefficient: Test data not available

Vapor Pressure: Test data not available

Density: 8.6 lb/gal @ 68°F / 1.03 kg/l @ 20°C



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Vapor Density: Test data not available
Particle Characteristics: Not applicable
Viscosity: < 10 centipoise @ 68 °F (20 °C)
VOC: < 0.1%

10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions
Stability: Stable under normal conditions
Hazardous reactions: None expected under normal conditions.
Conditions to avoid: None known under normal conditions.
Incompatible materials: Do not mix with other chemicals unless stated on the product label.
Hazardous decomposition products: None known

11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Skin contact: None expected under normal use. May cause mild irritation.
Eye contact: None expected under normal use. May cause mild irritation.
Inhalation: None expected under normal use.
Ingestion: None expected under normal use.

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)

SKIN CORROSION/IRRITATION: Based on available data, the classification criteria are not met.
SERIOUS EYE DAMAGE/IRRITATION: Based on available data, the classification criteria are not met.
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.

COMPONENT INFORMATION

Component	LD50 Oral-Rat (mg/kg)	LD50 Dermal - Rabbit (µl/kg)	LC50 Inhalation-Rat (mg/m ³)
diethylene glycol monoethyl ether	1920	4200	>5240

Carcinogenicity: Components are not known to be classified as carcinogens. (IARC, NTP, OSHA).

12: ECOLOGICAL INFORMATION

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

13: DISPOSAL CONSIDERATIONS

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.

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



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14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.

15: REGULATORY INFORMATION

U.S. REGULATIONS/REPORTING:

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
diethylene glycol monoethyl ether	111-90-0	not listed	N230	***

STATE RIGHT-TO-KNOW STATUS:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
diethylene glycol monoethyl ether	111-90-0	not listed	not listed	present *	not listed

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

CANADA REGULATIONS/REPORTING:

SOR/2015-17: Hazardous product regulation

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	Identifier	CAS Number	Part #	Reporting Threshold
Ethanol, 2-(2-ethoxyethoxy)-	NA-45	111-90-0	Part 5	1 tonne air release

16: OTHER INFORMATION

Abbreviations Used:

ATE _{mix}	Acute Toxicity Estimate - mixture
CAS	Chemical Abstract Service Number
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
HPR	Hazardous Products Regulation
IARC	International Agency for Research on Cancer
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
N230	Glycol ethers, generic class
NA-45	Other glycol ethers and acetates (and their isomers)
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
*	Reported as glycol ether, generic class
***	No RQ assigned

Revision Information:

Feb. 12, 2026 - Revisions § 1, 8, 9, 10, 11, 15 & 16

Health:	1
Flammability:	0
Reactivity:	0



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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****