



# SAFETY DATA SHEET 3037RTU: READY TO USE

Conforms to 1910.1200  
Issued: Mar. 26, 2020

**BEST VIEW™**

## 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Best View Ammoniated Glass Cleaner  
**Recommended Use:** Ammoniated glass cleaner  
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 % * |
|----------------------|------------|------------|
| 1-methoxy-2-propanol | 107-98-2   | 1 - 5      |
| Ammonium hydroxide   | 1336-21-6  | < 1        |

\* 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.



# SAFETY DATA SHEET

## 3037RTU: READY TO USE

Conforms to 1910.1200  
Issued: Mar. 26, 2020

**BEST VIEW™**

### 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:

| Ingredient           | CAS Number | ACGIH   |         | OSHA   |      |
|----------------------|------------|---------|---------|--------|------|
|                      |            | TWA     | STEL    | TWA    | STEL |
| 1-methoxy-2-propanol | 107-98-2   | 100 ppm | 150 ppm | N/L    | N/L  |
| ammonia              | 1336-21-6  | 25 ppm  | 35 ppm  | 50 ppm | N/L  |

**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:** Safety eyewear is recommended, to avoid chemical splashes and mists.

**Skin Protection:** Chemical resistant gloves are recommended.

**Respiratory Protection:** No personal protective equipment required with normal use. General room ventilation should be adequate.

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

### 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** clear, blue liquid

**Odor:** clean and fresh fragrance

**Odor Threshold:** data not available

**pH:** 9.5

**Freezing Point:** data not available

**Boiling Point:** data not available

**Flash Point:** >200 °F / >93 °C

**Evaporation Rate:** less than water

**Flammability (solid/gas):** not applicable to liquids

**Upper/Lower Flammability limits:** data not available

**Vapor Pressure:** data not available

**Vapor Density:** data not available

**Relative Density:** 8.3 lb/gal @ 68°F / 1.0 kg/l @ 20°C

**Solubility:** miscible in water



# SAFETY DATA SHEET

## 3037RTU: READY TO USE

Conforms to 1910.1200

Issued: Mar. 26, 2020

**BEST VIEW™**

**Partition Coefficient:** data not available  
**Auto Ignition temperature:** data not available  
**Decomposition Temperature:** data not available  
**Viscosity:** < 10 centipoise @ 68 °F (20 °C)  
**VOC:** 2.33%

### 10: STABILITY AND REACTIVITY

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

### 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Toxicity testing has not been completed on the mixture.  
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)

#### LOCAL EFFECTS

**Skin contact:** May cause mild irritation.  
**Eye contact:** May cause mild irritation.  
**Sensitization:** None expected  
**Chronic effects:** None expected

#### SPECIFIC EFFECTS

**Carcinogenicity:** None known  
**Reproductive effects:** None known  
**Teratogenicity:** None known  
**Mutagenicity:** None known

#### COMPONENT INFORMATION

| Component            | LD50 Oral-<br>Rat (mg/kg) | LD50 Dermal -<br>Rabbit (µl/kg) | LC <sub>50</sub> Inhalation-<br>Rat (mg/m <sup>3</sup> ) |
|----------------------|---------------------------|---------------------------------|--|
| 1-methoxy-2-propanol | 5,200                     | 13,000                          | >54.6 (4hr)  |
| ammonium hydroxide   | 350                       | N/A                             | N/A  |

**Carcinogenicity:** Components are not known to be classified as carcinogens.

### 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

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

### 14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.

**UN Number:** None  
**UN Proper Shipping Name:** None  
**Hazard Class:** None  
**Packing Group:** None  
**Marine Pollutant:** None  
**Transport in Bulk:** N/A  
**Other Information:** None



# SAFETY DATA SHEET 3037RTU: READY TO USE

Conforms to 1910.1200

Issued: Mar. 26, 2020

**BEST VIEW™**

## 15: REGULATORY INFORMATION

### U.S. REGULATIONS/REPORTING:

| Ingredient         | CAS Number | SARA<br>302/304 | SARA 313 | CERCLA     |
|--------------------|------------|-----------------|----------|------------|
| ammonium hydroxide | 1336-21-6  | N/L             | N/L      | 1000 lb RQ |

### STATE RIGHT-TO-KNOW STATUS:

| Ingredient           | CAS Number | MA - RTK | NJ - RTK | PA - RTK | RI - RTK |
|----------------------|------------|----------|----------|----------|----------|
| 1-methoxy-2-propanol | 107-98-2   | present  | present  | present  | present  |
| ammonium hydroxide   | 1336-21-6  | present  | present  | present  | N/L      |

**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*.

## 16: OTHER INFORMATION

### Abbreviations Used:

N/A - Not applicable

N/E - Not Established

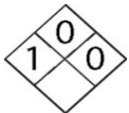
N/L - Not Listed

\* - listed as generic class Glycol Ethers

\*\*\* - No RQ assigned, although a CERCLA hazardous substance

### Revision Information:

Mar. 26, 2020 - SDS issue

|   |
|---|
|  |
| Health: 1   |
| Flammability: 0   |
| Reactivity: 0   |

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 MSDS 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\*\***