



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CUSTOMER **SIMONIZ**
PRODUCT NAME (S) **GLASS CLEANER S3321**
Simoniz USA, Inc
201 Boston Tpke
Bolton, CT 06043
(770)433-0210 (8am-5pm;M-F)
PREPARATION DATE: February 15, 2012
PREPARED BY: Vena Burnell
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2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA HAZARDOUS INGREDIENTS TABLE

<u>CHEMICAL</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm
2-Propanol	67-63-0	400 ppm	200 ppm 400 ppm STEL
*Ethylene Glycol Monobutyl Ether	111-76-2	50 ppm 240mg/m ³	20 ppm
Morpholine	110-91-8	20 ppm 70mg/m ³	20 ppm
Propane	74-98-6	Unknown	1000 ppm
n-Butane	106-97-8	Unknown	800 ppm

*Indicates ingredients that are subject to the reporting requirements of Section 313 of EPCRA and 40 CFR 372. Component of a blended material regulated under section 313 of SARA

3. HAZARDS IDENTIFICATION

HMIS: Health 2 Flamm. 1 React. 0 **NFPA:** Tox. 2 Flamm. 1 React. 0

HEALTH EFFECTS

Inhalation Inhalation of vapors, mist or spray can cause irritation to nose, throat and lungs, and higher concentrations may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects.
Eye Contact Direct contact with material can cause severe irritation or damage.
Skin Contact May cause severe irritation with prolonged or repeated contact. Removes natural oils and fats from skin.
Ingestion Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death. This product has a low order of oral toxicity.

PRIMARY ROUTES OF EXPOSURE: Inhalation, eye/skin contact.

CONDITIONS AGGRAVATED BY EXPOSURE: None known.

ANY INGRED. LISTED CARCINOGEN: **OSHA** Not listed. **IARC** Not listed. **NTP** Not listed.

4. FIRST AID

Inhalation Remove victim to fresh air. Apply artificial respiration if necessary. Get medical attention.

Eye Contact Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact Remove contaminated clothing and wash skin thoroughly with water. Get medical attention if irritation persists.

Ingestion **DO NOT** induce vomiting unless directed to do so by a physician or poison control center. **DO NOT** give any liquids. Get medical attention immediately. Small amounts which accidentally enter the mouth should be rinsed out until the taste is gone.

5. FIRE FIGHTING MEASURES

Extinguisher Media Water spray, regular foam, dry chemical, CO₂

Flammability per Flame Projection Test **NON-FLAMMABLE**

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool using water spray to avoid bursting containers. Wear full firefighting gear and respiratory protection.

UNUSUAL HAZARDS: CONTENTS UNDER PRESSURE. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURES FOR CLEANING UP LEAKS AND SPILLS: Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with local, state or federal regulations.

7. HANDLING, STORAGE, AND DISPOSAL

HANDLING: CAUTION: CONTENTS UNDER PRESSURE. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

STORAGE: Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Do not store in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible materials. Store in accordance with **NFPA 30B** for **Level 1 Aerosols**.

DISPOSAL: Before offering for recycling, empty the container by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

See Section 2 for applicable exposure limits.

ENGINEERING CONTROLS: Maintain adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT: Use respirator only as a last resort to control exposure.

Wear CHEMICAL RESISTANT GLOVES if repeated skin contact occurs or causes irritation.

Wear SAFETY GLASSES or GOGGLES to prevent eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Mixture packaged in pressurized aerosol spray can.
Appearance and Odor (Concentrate)	Colorless, clear liquid with a soft floral scent
Specific Gravity (Concentrate)	0.995 – 1.005g/ml
pH	11.15 – 11.25
Evaporation Rate (BuAc=1)	<1.00
Boiling Point	>100°F
%-VOC CONTENT	10.97%
CARB VOC Category/Standard (%)	Glass Cleaner-Aerosol/12%

OTC Model Rule Category/Standard (%)	Dec. 31, 2012 – 10%
US EPA Cons Prod Category/Standard (%)	Glass Cleaner-Aerosol/12%

10. STABILITY AND REACTIVITY

STABILITY: Product is stable.

CONDITIONS TO AVOID: heat, sparks, open flames and temperatures above 120°F

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Avoid contact with strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, and hydrocarbons.

11. REGULATORY AND TRANSPORTATION INFORMATION

Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986:

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

DOT CLASSIFICATION: Hazardous **PACKING GROUP:** N/A

DESCRIPTION: Consumer Commodity, ORM-D

UN NUMBER: UN 1950 **HAZARD CLASS:** 2.1

12. OTHER INFORMATION

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.

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