



Safety Datasheet

Section 1—Chemical Product and Company Identification

Product Identifier: MADICO 30-1-1

Product Use: Window Cleaner

Manufacturer: Montgomery Manufacturing Co., 118 Industrial Drive, Kennedale, Texas 76060, tel 817-478-3221.

Emergency Contact: InfoTrac, +1 352-323-3500 (international), 800-535-5053 (toll free US and Canada).

Section 2—Hazards Identification

Physical Hazards: Not Classified as Hazardous
Health Hazards: Eye Corrosion: 1
Environmental Hazards: Acute Aquatic Toxicity: 3
Chronic Aquatic Toxicity: 3

Signal Word: DANGER

Symbols:



Hazard Statements: Causes serious eye damage. Harmful to aquatic life with long lasting effects.

Precautionary Statements: Wear eye protection/face protection. Avoid release to the environment.
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/doctor.
Dispose of contents and container in accordance with local, regional, national, and international regulations.

Other Hazards: None found.

Unknown Ingredients: N/D

Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
Isopropanol	1-5	67-63-0
Nonylphenol Polyethylene Glycol	1-5	9016-45-9
Product as a Whole	100	N/D

Section 4—First Aid Measures

Skin contact: If on skin or hair: Wash thoroughly with water. Remove contaminated clothing. If irritation occurs, get medical attention.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: If swallowed: DO NOT induce vomiting. If irritation occurs, or if large amount ingested, get medical attention.

Inhalation: If inhaled: Get to fresh air and provide respiratory assistance if necessary. If symptoms occur, get medical attention.

Most important symptoms/effects, acute and delayed: N/D

Indication of immediate medical attention/special treatment: N/D

Section 5—Fire-Fighting Measures

Suitable extinguishing media: Use media suitable to surrounding fire.

Specific hazard arising from chemicals: None known

Special equipment and precautions: Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

Section 6—Accidental Release Measures

Personal precaution, protective equipment, emergency procedures: Avoid eye contact. Do not ingest. Wear Personal Protective Equipment (refer to section 8).

Methods and material for containment and clean up: Avoid release to the environment. Stop discharge and contain material. Substantial quantities may be recovered with a vacuum pump. Use explosion proof equipment if flammable or combustible. Otherwise, use appropriate absorbent. Place contaminated material in container suitable for disposal. Use appropriate protective equipment. Be sure there is adequate ventilation. Do not flush to streams or other bodies of water. Contact appropriate environmental agencies if further guidance is required.

Section 7—Handling and Storage

Precautions for safe handling: Avoid contact with eyes. Do not ingest.

Cautions for safe storage: Keep out of reach of children. Keep container closed when not in use.

Incompatibilities: None known

Section 8—Exposure controls/personal protection

Exposure Limits: Isopropanol: PEL: (400 ppm) TWA-TVL (400 ppm) STEL-TLV (500 ppm).

Specific Engineering: Not established.

Individual protective equipment and measures: Gloves: Waterproof. Eye Protection: Safety glasses recommended. Respiratory: No special requirements. Ventilation: Good general ventilation should be sufficient for most conditions.

Section 9—Physical and Chemical Properties

Physical State: Liquid	Flammability (solid, gas): Not Flammable
Color: Clear, blue	Vapor Pressure (mmHg): 20@68°F
Odor: Slight lemon-lime	Vapor Density (air= 1): >1

Odor Threshold: N/D	Relative Density: <1
pH: 7.5-8.0	Solubilities: In water: complete
Melting point/freezing Point: N/D	Partition Coefficient: N/D
Initial Boiling Point and Boiling Range: 210 °F Initial	Auto-Ignition Temperature: N/D
Flash Point: N/D	Decomposition Temperature: N/D
Evaporation Rate: (Water =1) >1	Viscosity: N/D
Upper/Lower Flammability or Explosive limits: N/D	

Section 10—Stability and Reactivity:

Chemical Stability: Stable	Condition to Avoid: None known
Reactivity: No specific reactivity test data available for this mixture.	Possibility of Hazardous Reaction: Hazardous Polymerization: will not occur.
Incompatible Materials: None known	Hazardous Decomposition Products: None known

Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Isopropanol	5,045 mg/kg	N/D	N/D
Nonylphenol Polyethylene Glycol	960 mg/kg	N/D	N/D
Product as a Whole	13,558 mg/kg	N/D	N/D

Important symptoms: Refer to Section 4—First Aid Measures.

Effects of Acute Exposure: May cause moderate redness and swelling of skin. Liquid and mists may irritate or damage the eye causing corneal injury. May cause headache, dizziness, nausea, vomiting and diarrhea when ingested. Vapors may be irritating to mucous membranes of the nose, throat and lungs.

Effects of Chronic Exposure: N/D

Carcinogenicity: IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

Other Data: N/D

Section 12—Ecological Information:

Ecotoxicity: Harmful to aquatic life with long lasting effects

Nonylphenol Polyethylene Glycol Ether: Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 3.8 - 6.2 mg/l - 96 h, Toxicity to daphnia and other aquatic invertebrates LC50 - Daphnia magna (Water flea) - 9.3 - 21.4 mg/l - 48 h, Toxicity to bacteria IC50 - Bacteria - > 1,000 mg/l - 16 h.

Persistence and degradability: N/D	Bioaccumulative Potential: N/D
Mobility in Soil: N/D	Other Adverse Effects: N/D

Section 13—Disposal Considerations

Waste Treatment Method: Avoid release to the environment. Collect spillage. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different

locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

Section 14—Transport Information

UN number:	UN proper shipping name:
Transport hazard class(es) :	Packing group if applicable:
Environmental hazards:	Special precautions:
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	

Section 15—Regulatory information

No information found.

Section 16—Other Information

Key to Abbreviations:

no info not determined, no information found

N/D not determined, no information found

Date SDS Prepared: July 1, 2015

Suggested NFPA rating: N/D

Suggested HMIS rating: H=1, F=0, P=0, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.