

Material Safety Data Sheet

Revision Date November 9, 2010	Prepared by Patti Rogers	Technical Information 1-800-201-8822 or support@mgchemicals.com
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Section 1: Product Identification

MSDS Code: 8243

Name: Optical Wipes

Related Part Numbers: 8243-Wx25

Use: For cleaning optical lenses, eye glasses, goggles and other optics.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
67-63-0	2-propanol	22-26%	400ppm	400ppm	500ppm

Section 3: Hazards Identification

WHMIS Codes: D2B

NFPA Ratings: Health 1 Flammability 1 Reactivity 0

HMIS Ratings: Health 1 Flammability 1 Reactivity 0

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: May cause respiratory tract irritation

Ingestion: May Cause irritation if ingested.

Chronic: No effects known.

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush with water. Get medical aid if symptoms persist.

Skin: Wash skin with of soap and water. Get medical aid if symptoms persist.

Inhalation: Immediately remove from exposure to fresh air.

Ingestion: Do not induce vomiting. If conscious, give 1-2 glasses of water. Get medical aid.

Section 5: Fire Fighting Measures

Autoignition Temperature: N/a

Flash Point: N/a

LEL / UEL: N/a

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

General Information: The IPA content is diluted with water beyond the point where the product will burn.

Section 6: Accidental Release Measures

Spill Procedure: Provide adequate ventilation.

Section 7: Handling and Storage

Handling: Wash thoroughly after handling. Avoid contact with eyes.

Storage: Keep away from sources of ignition. Store in a cool, dry, well-ventilated area.

Section 8: Exposure Controls

Routes of entry: Eyes, inhalation, and skin.

Ventilation: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

Personal Protection: Wear rubber gloves.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Odor:	Slight alcohol	Solubility:	Miscible	Evaporation Rate:	N/a
Boiling Point:	N/a	Specific Gravity:	N/a	Vapor Pressure:	N/a	Vapor Density:	N/a
						pH:	N/a

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and pressures.

Conditions to avoid: Temperatures over 40°C, ignition sources, and incompatible substances.

Incompatibilities: Strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acids and isocyanates, hydrogen + palladium, nitroform, oleum, phosgene, oxygen, aluminum, aluminum triisopropoxide, trinitromethane, barium perchlorate, tetrafluoroborate, chromium trioxide, sodium dichromate + sulfuric acid.

Polymerization: Will not occur.

Decomposition: Carbon monoxide, carbon dioxide, acrid smoke and fumes.

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure) Repeated skin contact may cause defatting of the skin resulting in dermatitis.

Carcinogenicity: (risk of cancer) No

Teratogenicity: (risk of malformation in an unborn fetus) No

Reproductive Toxicity: (risk of sterility) No

Mutagenicity: (risk of heritable genetic effects) No

Lethal Exposure Concentrations:	Ingestion (LD50): 6400 mg/kg (rat)	Inhalation (LC50): 16000 ppm/8h (rat)	Skin (LD50): N/e
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Section 12: Ecological Information



General Information: Avoid runoff into storms and sewers, which lead into waterways. Water runoff can cause environmental damage.

Environmental Impact Data: (percentage by weight)

CFC: 0 HFC: 0 Cl.Solv: 0 VOC: 25 HCFC: 0 ODP: 0

Section 13: Disposal Information

General Information: Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

Section 14: Transportation Information

Ground:

Non-Regulated

Air:

Non-Regulated

Sea:

Non-Regulated

Section 15: Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

CAA (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product does not contain any chemicals listed as hazardous air pollutants.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

CARB (California Air Resource Board) Consumer Products Regulation

The CARB definition of glass cleaners specially exempts products designed solely for the purpose of the cleaning materials used in eyeglasses, photographic equipment, and scientific equipment and photocopy machines.

Therefore, this product is NOT regulated by CARB.

Health Canada

Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.

Environment Canada

Chemicals in this product are listed on the Domestic Substances List in the Canadian Environmental Protection Act

This product does not contain any ozone depleting substances.

Industry and Science Canada

Labeling, product identity, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance with the Consumer Packaging and Labeling Act and Regulations. This product is not slack



filled in accordance to chapter 4 prohibitions.

RoHS (The restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2004).

This product is RoHS compliant.

Section 16: Other Information

Definitions: N/a = not applicable, n/e = not established

Disclaimer: This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.