

Quality System Certified to ISO 9001:2008

SAI Global File #004008

Burlington, Ontario, Canada

MULTI PURPOSE ALCOHOL WIPES

8241

Safety Data Sheet

Section 1: Product and Company Identification

Product Identifier and Other Means of Identification

Product Name: Multipurpose alcohol wipes

SDS Codes: 8241

Related Part #: 8241-T, 8241-W, 8241-WX25

Recommended Use and Restriction on Use

Use: Multipurpose cleaner

Uses Advised Against: Not for use on monitor screens or glass with anti-glare coatings.

Details of Manufacturer or Importer

Manufacturer

MG Chemicals
1210 Corporate Drive
Burlington, Ontario L7L 5R6
CANADA

MG Chemicals (Head Office)
9347-193 Street
Surrey, British Columbia V4N 4E7
CANADA

☎ +1-800-340-0772

FAX +1-800-340-0773

E-MAIL: support@mgchemicals.com

WEB www.mgchemicals.com

☎ +1-905-331-1396

FAX +1-905-331-2682

E-MAIL: info@mgchemicals.com



E-MAIL (Competent Person): sds@mgchemicals.com

Emergency Phone Number

For hazardous material incidents ONLY—leaks, spills, fires, exposures or accidents
USA or CANADA: Call CHEMTREC ☎: +1-800-424-9300

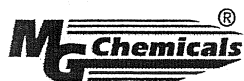
For emergencies involving dangerous goods; Collect 24/7
CANADA: Call CANUTEC ☎: +1-613-996-6666 or *666 on cellular phones

MULTI PURPOSE ALCOHOL WIPES
8241
Label Elements

Signal Word	DANGER
Pictograms	Hazard Statements
	H225: Highly flammable liquid and vapor
	H319: Causes serious eye irritation H336: May cause drowsiness and dizziness
Prevention	Precautionary Statements
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P264	Wash hands thoroughly after handling.
P261	Avoid breathing vapors.
P280	Wear protective gloves.
P271	Use only outdoors or in well ventilated area.
Response	Precautionary Statements
P370 + P378	In case of fire: Use dry chemical, carbon dioxide, chemical foam, or water spray to extinguish.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P304 + P340 + P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.
Storage	Precautionary Statements
P403 + P235	Store in well ventilated place. Keep cool.
Disposal	Precautionary Statements
P501	Dispose of contents/container in accordance to local/regional/international regulations.

Other Hazards

Prolonged or repeated exposure may cause skin dryness or cracking

**MULTI PURPOSE ALCOHOL WIPES****8241****Section 5: Fire-Fighting Measures**

Auto-ignition Temperature ^{a)}	425 °C [797 °F]	Flash Point ^{a)}	18 °C [64 °F]	LFL [LEL] UFL [UEL] ^{b)}	2% 12%
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In case of fire P370 + P378

Response Use dry chemical, carbon dioxide, water fog, or chemical foam to extinguish. Use water spray to cool containers.

Combustion Products Produces carbon oxides (CO, CO₂)

Fire-Fighter Wear self-contained breathing apparatus for fire fighting

General Information Vapors may accumulate in low-lying areas. They can cause flash fire or ignite explosively. In extreme firefighting conditions, this product may form a floating fire hazard.

a) Auto-ignition and flash point (Tag closed cup) values based on literature values

b) LFL = Lower Flammability [or Explosion] Limit (in volume %);

UFL = Upper Flammability [or Explosion] Limit (in volume %)

Section 6: Accidental Release Measures

Personal Protection See Section 8. Avoid breathing the mist/vapors.

Containment Remove all sources of ignition.
Prevent spill from entering drains and waterways.

Cleaning Collect liquid in a sealable, solvent-resistant container. Wipe up further residue with paper towel and place dirty towels in container. Wash spill area with soap and water to remove the last traces of residue.

RECOMMENDATION: Use a grounded stainless steel or carbon steel container or a solvent resistant plastic container.

Disposal Dispose of spill waste according to Section 13.

MULTI PURPOSE ALCOHOL WIPES**8241****Engineering Controls****Ventilation**

Keep airborne concentrations below exposure limits.

Personal Protective Equipment**Eye protection**

Wear appropriate protective eyeglasses or chemical safety goggles.

RECOMMENDATION: Use safety glasses with lateral protection (side shields).

Skin Protection

Wear appropriate protective clothing to prevent skin contact.

RECOMMENDATION: Use of protective gloves in natural rubber latex, neoprene, nitrile, butyl, or other chemically resistant gloves.

Respiratory Protection

If exposed to vapor above exposure threshold, wear a respirator such as a half-mask respirator with organic vapor cartridges.

RECOMMENDATION: Consult your local safety supply store to ensure your respirator has filter cartridges appropriate for the ingredients listed in section 3 of this MSDS, and that the respirator is fitted to the employee by a professional. Ensure vapor cartridges are stored in sealed plastic bags when not being used.

General Hygiene Considerations

Wash hands thoroughly with water and soap after handling.

MULTI PURPOSE ALCOHOL WIPES**8241****Section 11: Toxicological Information****Routes of Exposure**

Eyes, ingestion, inhalation, and skin

Symptoms Summary

Eyes	Causes serious eye irritation, tearing, redness or pain.
Skin	Cause dry skin and redness.
Inhalation	May cause drowsiness or dizziness. Excessive exposure may cause narcotic effects, weakness, headaches, and unconsciousness.
Ingestion	May be harmful if swallowed. See inhalation symptoms.
Chronic	Prolonged or repeated exposure may defat skin and cause skin dryness and cracking, and local redness and discomfort.

Acute Toxicity (Lethal Exposure Concentrations)

Chemical Name	LD50 oral	LD50 dermal	LC50 inhalation	TCLo inhalation
isopropyl alcohol	3 600 mg/kg Rat	12 800 mg/kg Rabbit	16 000 ppm 8 h Rat	35 ppm Human

Note: Representative toxicity data from by RTECS database of the Canadian Centre for Occupational Health and Safety (CCOHS)² data from supplier MSDS were also consulted.

Other Toxicological Effects

Skin corrosion/irritation	Causes mild skin irritation based on Draize tests on rabbits. Prolonged or repeated skin contact may cause dermatitis
Serious eye damage/irritation	Causes moderate to severe eye irritation based on Draize tests on rabbits
Sensitization (allergic reactions)	No evidence of sensitization
Carcinogenicity (risk of cancer)	Not classified or listed as a carcinogen by IARC, ACGIH, CA Prop 65, or NTP
Mutagenicity (risk of heritable genetic effects)	No data available
Reproductive Toxicity (risk to sex functions)	No data available

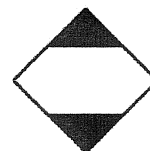
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MULTI PURPOSE ALCOHOL WIPES**8241****Section 14: Transport Information****Ground****Refer to TDG regulations** (Canadian Transportation of Dangerous Goods Regulations);
USA 49 CFR Regulations (Parts 100 to 185).

Cat. No. 8241-W, 8241-WX25

NOT REGULATEDUS.DOT. Special Provision 47
TDG Special Provision 56

Cat. No. 8241-T

LIMITED QUANTITY**Air****Refer to ICAO-IATA Dangerous Goods Regulations.**

Cat. No. 8241-W, 8241-WX25

NOT REGULATED

Special Provisions A46

Cat. No. 8241-T

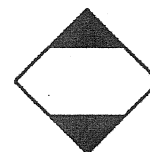
LIMITED QUANTITY**UN number:** UN3175
Shipping Name: Solids Containing
Flammable Liquid, N.O.S.
(isopropanol)
Class: 4.1
Packing Group: II
Marine Pollutant: No**Sea****Refer to IMDG regulations.**

Cat. No. 8241-W, 8241-WX25

NOT REGULATED

Special Provision 216

Cat. No. 8241-T

LIMITED QUANTITY**UN number:** UN3175
Shipping Name: Solids Containing
Flammable Liquid, N.O.S.
(isopropanol)
Class: 4.1
Packing Group: II
Marine Pollutant: No**Note: Shipper must be appropriately trained and certified before involvement with the transport of dangerous goods.**

MULTI PURPOSE ALCOHOL WIPES**8241****Europe****RoHS**

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

WEEE

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

Section 16: Other Information**MSDS Prepared by** Michel Hachey**Date of Revision** 11 April 2014**Supersedes** 17 October 2013**Reason for Changes:** Change to GHS classification and format**References**

1) ACGIH 2013 TLVs and BEIs: Based on the documentation of the threshold limit values for chemical substances and physical agents & biological exposure indices, American Conference of Governmental of Industrial Hygienist Cincinnati, OH (2013).

2) All toxicological data were checked against the RTECS (Registry of Toxic Effects of Chemical Substances®), MDL Information Systems, Inc.

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists (USA)
EC50	Half maximal effective concentration
EL50	Half maximal effective loading
NOELR	No observable effect loading ratio
GHS	Globally Harmonized System of Classification of Labeling of Chemicals
LC50	Lethal Concentration 50%
LCLo	Lowest published lethal concentration
LD50	Lethal Dose 50%
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
TCLo	Lowest published toxic concentration
TWA	Time Weighted Average
VOC	Volatile Organic Content

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