

8242-K

LCD SCREEN CLEANING KIT

Safety Data Sheet

Section 1: Identification

Product Identifier and Other Means of Identification

Product Identifier: 8242-K**Other Means of Identification:** LCD Screen Cleaning Kit**Related Part #** 8242-K

Recommended Use and Restriction on Use

Use: For cleaning LCD, plasma, and CRT screens**Uses Advised Against:** Not available

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 Verisk 3E at **+1-866-519-4752** or **+1-760-476-3962**
(Service access code: 335388)

For emergencies involving the transport of dangerous goods; 24/7 service
CANADA—Call CANUTEC collect at **+1-613-996-6666** or ***666** on cellular phones

8242-K
LCD SCREEN CLEANING KIT
Section 2: Hazard(s) Identification
Classification of Hazardous Chemical
GHS Categories

This product is not regulated according to HCS 2012 and WHMIS 2015 classification criteria.

Label Elements

Signal Word	<i>None Mandated</i>
Pictograms	Hazard Statements
<i>None mandated</i>	None

Hazards Not Otherwise Classified

Other Criteria	Hazard Statements/Precautionary Statement	Signal Word	Pictograms
None	None	None	None

Section 3: Composition/Information on Ingredients

CAS #	Chemical Name	%(weight)
68131-39-5	alcohol ethoxylates	≤1%
9003-1-4	polyacrylic acid	≤0.4%

Section 4: First-Aid Measures

<i>Exposure Condition</i>	<i>GHS Code/Symptoms/Precautionary Statements</i>
IF INHALED	P304 + P340
Immediate Symptoms	<i>low toxicity: may cause nose, throat and lung irritation</i>
Response	Remove person to fresh air and keep comfortable for breathing.

Section continued on the next page

8242-K**LCD SCREEN CLEANING KIT***Continued...*

IF IN EYES	P305 + P351 + P338
Immediate Symptoms	<i>low toxicity: may cause redness and mild irritation</i>
Response	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN	P302 + P352
Immediate Symptoms	<i>low toxicity: may cause mild irritation</i>
Response	Wash with plenty of water.
IF SWALLOWED	P301 + P330, P331
Immediate Symptoms	<i>low toxicity: no symptoms known or expected</i>
Response	Rinse mouth. Do NOT induce vomiting.

Section 5: Fire-Fighting Measures

Extinguishing Media	In case of fire: Use extinguish media suitable for surrounding.
Specific Hazards	In a fire, this product can release metal oxide fumes and toxic fumes.
Combustion Products	Produces carbon oxides (CO, CO ₂).
Fire-Fighter	Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

Section 6: Accidental Release Measures

Personal Protection	See personal protection recommendations in Section 8.
Precautions for Response	Avoid breathing the mist/vapor/spray. Remove or keep away all sources of extreme heat.
Environmental Precautions	Not applicable
Containment Methods	Not applicable
Cleaning Methods	Not applicable
Disposal Methods	Dispose of spill waste according to Section 13.

8242-K

LCD SCREEN CLEANING KIT

Section 7: Handling and Storage

Prevention	Avoid breathing mist, vapor, spray.
Handling	Wear protective gloves, protective clothing, eye protection. Wash hands thoroughly after handling. Avoid release to the environment.
Storage	Not applicable

Section 8: Exposure Controls/Personal Protection**Substances with Occupational Exposure Limit Values**

This product contains no substances with occupational exposure limits.

Engineering Controls

Ventilation	General ventilation is adequate for normal use; keep overall exposure as low as possible.
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Personal Protective Equipment

Eye protection	Wear appropriate protective eyeglasses or chemical safety goggles. RECOMMENDATION: Ensure that glasses have side shields for lateral protection.
Skin Protection	Use appropriate protective gloves for the surrounding chemical environments.
Respiratory Protection	If exposed to fumes or dust above the exposure limit, a suitable wear respirator meeting local/regional/national guidelines. For emergencies a, use a self-contained breathing apparatus with full face piece operated in a pressure positive mode. RECOMMENDATION: Consult your local safety supply store to ensure that your respirator has a NIOSH (U.S.) approved filter cartridges appropriate for the ingredients listed in Section 3. The respirator should be fitted to the employee by a professional. Ensure vapor cartridges are stored in sealed plastic bags when not being used.

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8242-K
LCD SCREEN CLEANING KIT
General Hygiene Considerations

Wash hands thoroughly with water and soap after handling.

Section 9: Physical and Chemical Properties

Physical State	Liquid	Lower Flammability Limit	Not available
Appearance	Not available	Upper Flammability Limit	Not available
Odor	Slight	Vapor Pressure @20 °C	Not available
Odor Threshold	Not available	Vapor Density	Not available
pH	6.5 - 8.5	Relative Density @25 °C	1
Freezing/Melting Point	Not available	Solubility in Water	Not available
Initial Boiling Point	Not available	Partition Coefficient n-octanol/water	Not available
Flash Point	Not applicable	Auto-ignition Temperature	Not available
Evaporation Rate	Not available	Decomposition Temperature	Not available
Flammability	Non Flammable	Viscosity @25 °C	Not available

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Chemically stable at normal temperatures and pressures.
Conditions to Avoid	Ignition sources, open flames, excessive heat, and incompatible substances
Incompatibilities	Oxidizing agents, strong acids
Polymerization	Will not occur
Decomposition	Will not decompose under normal conditions. For thermal decomposition, see combustion products in Section 5.

8242-K
LCD SCREEN CLEANING KIT
Section 11: Toxicological Information
Summary of Effects and Symptoms by Routes of Exposure

Eyes	Low toxicity: may cause redness and mild irritation.
Skin	Low toxicity: may cause mild irritation.
Inhalation	Low toxicity: may cause nose, throat and lung irritation.
Ingestion	Low toxicity: no symptoms known or expected.
Chronic	Low toxicity: no symptoms known or expected.

Acute Toxicity (Lethal Exposure Concentrations)

Chemical Name	LD50 oral	LD50 dermal	LC50 inhalation
alcohol ethoxylates	>5 000 mg/kg Rat	>2 000 mg/kg Rat	Not available
polyacrylic acid	Not available	Not available	Not available

Note: Toxicity data from the RTECS² and ECHA databases were consulted. The data from supplier SDSs were also consulted.

Other Toxicological Effects

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Sensitization (allergic reactions)	Based on available data, the classification criteria are not met.
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)	Based on available data, the classification criteria are not met.

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8242-K**LCD SCREEN CLEANING KIT****Reproductive Toxicity**

(risk to sex functions)

Based on available data, the classification criteria are not met.

Teratogenicity (risk of fetus malformation)

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met. This product doesn't contain any Cat 1 ingredients.

Section 12: Ecological Information

Ecological classifications are based on the IMDG/GHS criteria in conjunction with ecotoxicological data from our suppliers, the European Chemical Agency database (<http://echa.europa.eu>), and other reliable sources.

Based on available data, the alcohol ethoxylates and polyacrylic acid environmental toxicity classification criteria are not met.

Acute Ecotoxicity

Available data doesn't give rise to classification as an acute ecotoxicant.

Chronic Ecotoxicity

Available data doesn't give rise to classification as a chronic ecotoxicant.

Biodegradability

Not available

Bioaccumulation

Not available

Other Effects

Not available

Section 13: Disposal Information

Dispose of contents in accordance with all local, regional, national, and international regulations.

8242-K**LCD SCREEN CLEANING KIT****Section 14: Transport Information****Ground**

Refer to TDG regulations (Canadian Transportation of Dangerous Goods regulations);
USA DOT 49 CFR (Parts 100 to 185) **Regulations.**

Non Regulated

Air

Refer to ICAO-IATA Dangerous Goods Regulations.

Non Regulated

Sea

Refer to IMDG regulations.

Non Regulated

Section 15: Regulatory Information**Canada****Domestic Substance List (DSL) / Non-Domestic Substance Lists (NDSL)**

All hazardous ingredients are listed on the DSL.

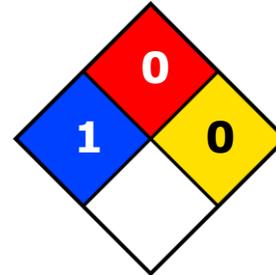
Hazardous Products Act (R.S.C., 1985, c. H-3)

The safety data sheet and label comply with the Hazardous Product Act and WHMIS 2015.

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8242-K**LCD SCREEN CLEANING KIT****USA****Other Classifications****HMIS[®] RATING**

HEALTH:	1
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA[®] 704 CODES

Approximate HMIS and NFPA Risk Ratings Legend:

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

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 substances that are listed as hazardous air pollutants.

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

This product does not contain substances which are 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.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity)

This product does not contain any substances on the California Proposition 65 list.

Europe**RoHS** (Restriction of Hazardous Substances Directive)

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

WEEE (Waste Electrical and Electronic Equipment Directive)

This product is subject to the WEEE regulation.

8242-K**LCD SCREEN CLEANING KIT****Section 16: Other Information**

SDS Prepared by	MG Chemical's Regulatory Department
Date of Creation	06 March 2020
Supersedes	11 December 2018
Reason for Changes:	Update to the emergency phone number information.

Reference

- 1) ACGIH 2017 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 (2017).
- 2) All toxicological data were checked against the RTECS (Registry of Toxic Effects of Chemical Substances®)

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists (USA)
EC50	Half maximal effective concentration
EL50	Half maximal effective loading
IARC	International Agency for Research on Cancer
NOELR	No observable effect loading ratio
NTP	National Toxicology Program
GHS	Globally Harmonized System of Classification of Labeling of Chemicals
LC50	Lethal Concentration 50%
LCLo	Lowest published lethal concentration
LD50	Lethal Dose 50%
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit
SDS	Safety Data Sheet
STEL	Short-Term Exposure Limit
TCLo	Lowest published toxic concentration
TWA	Time Weighted Average
VOC	Volatile Organic Content

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8242-K**LCD SCREEN CLEANING KIT**

Technical Queries Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at www.mgchemicals.com.

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