



Health	1
Fire	0
Reactivity	0
Personal Protection	E

MATERIAL SAFETY DATA SHEET

INDICATING SILICA GEL DESICCANT

Section 1: Chemical Product and Company Identification

Product Name: Indicating Silica Gel Desiccant

Manufacturer: Kali-Chemie AG
Hans-Bockler-Allee 20
30002 Hanover
Germany
Phone: 49-511-857-0
Fax: 49-511-857-2305

Manufacturer Part Number / Description: Sorbead, Amorphous Alumosilicate, Blue Indicating Silica Gel

Distributor: Motor Guard Corporation
580 Carnegie Street
Manteca, CA 95337-6141
United States of America
Phone: 800-227-2822
Fax: 800-237-7581

Distributor Part Number / Description: M-4095-Q, M-4095-Q6, M-4095-G, M-4097, DD1008-2,
DD1008-CJ, DD1009-D

Section 2: Composition and Information on Ingredients

CAS#	Chemical Name	Chemical Symbol	% by Weight
7631-86-9	Silica, amorphous	SiO ₂	96.5
1327-36-2	Aluminosilicate	Al _x Si _y O _z	3.0
7646-79-0	Cobalt Chloride	CoCl ₂	0.5

Section 3: Hazards Identification

Appearance: Solid, Blue or Pink Beads

Potential Acute Health Effects:

Eyes: Dust may cause mechanical irritation
Skin: Dust may cause mechanical irritation
Ingestion: May cause irritation of the digestive tract
Inhalation: Dust may cause irritation to the respiratory tract
Other: None

MATERIAL SAFETY DATA SHEET

INDICATING SILICA GEL DESICCANT

Potential Chronic Health Effects: None

Target Organs: N/A

Section 4: First Aid Measures

Eye Contact: Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Immediately wash skin with soap and water and flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: Loosen tight clothing. Do not induce vomiting unless directed to do so by emergency personnel. Seek medical attention.

Notes to Physician: None.

Antidote: None reported.

Section 5: Fire and Explosion Data

Flammability: Non-Flammable

Explosion Limits: LEL: N/A **UEL:** N/A

Auto-Ignition Temperature: N/A

Products of Combustion: N/A

Flash Point: N/A

Unusual Fire or Explosion Hazards: None

NFPA Rating: None

Special Firefighting Procedures: None

Section 6: Accidental Release Measures

Personal Protection: Use proper personal protective equipment as indicated in Section 8.

Procedures for Spills/Leaks: Use appropriate tools to place spilled solid in a container. Avoid generating dust while containing. Dispose of as indicated in Section 13.

Section 7: Handling and Storage

Handling: Use only in a well ventilated area. Minimize dust generation and accumulation. Avoid ingestion and inhalation.

Storage: Store in a properly labeled, tightly closed container.

MATERIAL SAFETY DATA SHEET

INDICATING SILICA GEL DESICCANT

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Use process enclosures, local and general exhaust to keep airborne levels below permissible exposure limits.

Exposure Limits:

ACGIH: 10 mg/m³
NIOSH: None Listed
OSHA: N/A

Personal Protective Equipment:

Eyes: Wear protective goggles
Skin: Wear gloves and protective clothing to minimize skin contact
Lungs: Wear a NIOSH Approved or European Standard AN 149 Respirator when necessary

Section 9: Physical and Chemical Properties

Physical State:	Solid	Evaporation Rate:	N/A
Appearance:	Blue or Pink Beads	Viscosity:	N/A
Odor:	None	Boiling Point:	4046 F
Taste:	None	Melting Point:	3110 F
pH:	2.3-7.4 (Aq. Susp.)	Solubility:	Insoluble in Water
Vapor Pressure:	N/A	Specific Gravity:	2.1
Vapor Density:	N/A	Molecular Weight:	60.09 + xH ₂ O g/mole

Section 10: Stability and Reactivity Data

Stability: Product is stable

Instability Temp.: N/A

Conditions to Avoid: Incompatible Materials, Moisture

Conditions of Instability: N/A

Corrosivity: None

Hazardous Decomposition Products: None

Special Remarks on Reactivity: Hygroscopic. Incompatible with hydrogen fluoride, xenon hexafluoride, oxygen difluoride and chlorine trifluoride.

Section 11: Toxicological Information

Routes of Entry: Inhalation, Ingestion.

RTECS#: N/A

MATERIAL SAFETY DATA SHEET

INDICATING SILICA GEL DESICCANT

LD50/LC50: N/A

Carcinogenicity: Not listed

Epidemiology: No data available

Teratogenicity: No data available

Reproductive Effects: No data available

Neurotoxicity: No data available

Mutagenicity: No data available

Other Studies: No data available

Section 12: Ecological Information

Ecotoxicity: No information reported

Products of Biodegradation: No information reported

Toxicity of Products of Biodegradation: No information reported

Section 13: Disposal Considerations

Waste Disposal: Dispose of in a manner consistent with federal, state and local regulations

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States)

Identification: N/A

Special Provisions for Transport: N/A

Section 15: Regulatory Information

US Federal

TSCA: Not Listed

Health & Safety Reporting Act: Not Listed

SARA Section 302: None of the chemicals in this material have an RQ or a TPQ

SARA Section 313: None of the chemicals in this material are reportable

Clean Air Act: Not Listed

Clean Water Act: Not Listed

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA

HMIS:	Health Hazard:	1
	Fire Hazard:	0
	Reactivity:	0
	Personal Protection:	E

US State

RTK: One or more components are listed on the following US State Right to Know lists: MA, PA, MN

MATERIAL SAFETY DATA SHEET

INDICATING SILICA GEL DESICCANT

International

WHMIS (Canada): Not controlled under WHMIS

DSL/NDSL (Canada): One or more components is listed on Canada's DSL/NSDL List

DSCL (EEC): This product is not classified according to EU regulations

Section 16: Other Information

Date Created: 12/19/2007

Date Last Updated: 12/19/2007

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Motor Guard Corporation be liable 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 Motor Guard Corporation has been advised of the possibility of such damages.
