



Health	1
Fire	0
Reactivity	0
Personal Protection	E

SAFETY DATA SHEET

INDICATING SILICA GEL DESICCANT

Section 1: Identification

Product Name: Indicating Silica Gel Desiccant

Manufacturer: Shanghai Yixuan Desiccant Co., Ltd.
No. 66, Lane 2600, Chuanzhou Highway
Shanghai, Zhejiang 264200
China
Phone: (86) 021-20921682
Fax: (86) 021-58139858

Manufacturer Part Number / Description: Blue Silica Gel (Desiccant)

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, Color Change Silica Gel Desiccant

Section 2: Hazards Identification

Hazard Classification: Although this product is not classified as hazardous according to applicable GHS hazard classification criteria the potential for respiratory tract irritation of this material as a respirable dust is recognized. See Sections 8, 11, 14 and 15 for further regulatory information.

Label Elements:

Hazard Symbol:



Signal Word:

Warning

Hazard Statement:

May cause irritation if inhaled or ingested

Precautionary Statement:

Wash thoroughly after handling. Use only in a well-ventilated area. Minimize dust generation and accumulation. Wear protective gloves and respiratory protection. Store in tightly closed containers in a cool, dry place not exceeding 23°C (74°F).

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Appearance: Solid, Blue or Pink Beads

Potential Acute Health Effects:

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

Potential Chronic Health Effects: None

Target Organs: N/A

Section 3: Composition / Information on Ingredients

CAS#	Chemical Name	Chemical Symbol	% by Weight
112926-00-8	Silica Gel	SiO ₂	99.5
7646-79-9	Cobalt Dichloride	CoCl ₂	0.5

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-Fighting Measures

Flammability:	Non-Flammable	Explosion Limits:	LEL: N/A	UEL: N/A
Auto-Ignition Temp.:	N/A	Products of Combustion:	N/A	
Flash Point:	N/A	Unusual Fire / Explosion Hazards:	None	
NFPA Rating:	None	Special Fire-Fighting 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.

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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 in a cool, dry place not exceeding 23°C (74°F).

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: TLV = 10 mg/M³
NIOSH: TWA = 6 mg/M³
OSHA: PEL = 80 / (%SiO₂) mg/M³

Personal Protective Equipment:

Eyes: Wear protective goggles.

Skin: Wear gloves and protective clothing to minimize skin contact.

Lungs: Wear a fitted and tested NIOSH approved or European standard AN 149 respirator.

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:	5.5 – 9.0 (Aq. Susp.)	Solubility:	Insoluble in H ₂ O
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: Stable

Instability Temp.: N/A

Conditions to Avoid: Avoid Incompatible Material, Moisture

Conditions of Instability: None

Corrosivity: None

Hazardous Decomposition Products: N/A

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

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Section 11: Toxicological Information

Routes of Entry:	Ingestion, Inhalation	Teratogenicity:	No Data Available
RTECS #:	N/A	Reproductive Effects:	No Data Available
LD50/LC50:	N/A	Neurotoxicity:	No Data Available
Carcinogenicity:	Not Listed	Mutagenicity:	No Data Available
Epidemiology:	No Data Available	Other Studies:	N/A

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
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Section 14: Transport Information

DOT Classification:	Not a DOT controlled material (United States)
Identification:	N/A
Special Provisions for Transport:	None

Section 15: Regulatory Information

US Federal

TSCA:	All of the chemicals in this material are 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 material are considered highly hazardous by OSHA

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

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US State

RTK: One or more components are listed in the following US State Right to Know Lists: MA PA MN

Proposition 65 (CA) None of the chemicals in this material are listed

International

WHMIS (Canada): Not controlled

DSL/NDSL (Canada): One or more components are listed in Canada's DSL/NDSL list

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

Section 16: Other Information

Date Created: 09/28/2015

Date Last Updated: 03/12/2021

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.
