

Orange Indicating Silica Gel

1. MANUFACTURER INFORMATION

1) Product Name: Orange Indicating Silica Gel

2) Recommended use of the chemical and restrictions on use

A. Product description: Orange Silica Gel Self Indicating

B. Restrictions on use: Not available except the intended use of the product

3) Supplier's details

Pulsarlube USA, Inc.

1480 Howard Street,

Elk Grove Village,

IL 60007, USA

Telephone Number for Information:

Tel.: +1 (847) 593-5300

Fax : +1 (847) 593-5303

sales@pulsarlubeusa.com

Emergency telephone number: For Hazardous Materials [or Dangerous Goods] Incident

Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300 CCN723552 or

+1 703-527-3887 (collect calls accepted)

2. HAZARDS IDENTIFICATION

1) Hazard / Risk Classification

This material is not hazardous according to regulatory guidelines (see details (M)SDS Section 15).

2) Label elements including precautionary statements

○ Pictogram

Not applicable

○ Signal word

Not applicable

○ Hazard/Risk Statement

Not applicable

○ Precautionary Statement

Not applicable

3) Other Hazard Risk which do not included in the classification criteria

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Another name	CAS No	Content (%)
Silica gel	None	7631-86-9	99.9

4. FIRST AID MEASURES

General advice

None

In case of eye contact

Immediately flush open eyes with running water for at least 15 minutes. Obtain medical aid immediately.

In case of skin contact

Immediately flush skin with running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Obtain medical aid immediately.

If inhaled

Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical aid.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

This material will not burn, use media appropriate for surrounding fire.

Special hazards arising from the substance or mixture

None

Advice for firefighters

None

Further information

None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Respiratory and eye protection

Environmental precautions

None

Methods and materials for containment and cleaning up

Sweep the spill area, avoid rising dust

7. HANDLING AND STORAGE

Precautions for safe handling

Handling in air tight container. Avoid freezing or exposing to the sun.

Measures to prevent fire and explosion

Not fired and explosion

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits

None

Appropriate engineering controls

Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Facilities storing or utilizing this material should be equipped with an eyewash fountain. Use adequate general and local exhaust ventilation to keep airborne concentrations low.

Personal protective equipment

no data available

Respiratory protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary

Eye protection

no data available

Hands protection

no data available

Body protection

no data available

9. PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	Solid, Orange
b) Odor	Odorless
c) Odor threshold	no data available
d) pH	4.88
e) Melting point/freezing point	1708°C ~ 1718°C
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapor pressure	no data available
l) Vapor density	no data available
m) Solubility (water, 20°C)	insoluble
n) Relative density	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Formula mass	60.08

PSDS (Product Safety Data Sheet)**10. STABILITY AND REACTIVITY****Chemical stability**

Stable under recommended temperatures and pressures

Possibility of hazardous reactions

no data available

Conditions to avoid

Dust generation

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

no data available

11. TOXICOLOGICAL INFORMATION**Information on toxicological effects**

no data available

12. ECOLOGICAL INFORMATION**Ecotoxicity**

- no data available

Persistence and degradability

- no data available

Bioaccumulative potential

- no data available

Mobility in soil

- no data available

Other adverse effects

- no data available

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Dispose of in accordance with all applicable federal, state and local regulations

14. TRANSPORT INFORMATION**UN number**

ADR/RID: - IMDG: - IATA: -

UN proper shipping name

ADR/RID: no data available

IMDG: no data available

IATA: no data available

UN-Identification No.(HS-Code)

38249099

Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

Packaging group

ADR/RID: - IMDG: - IATA: -

Environmental hazards

ADR/RID: no IMDG marine pollution: no IATA: no

Special precautions for user

- no data available

15. REGULATORY INFORMATION

Regulatory Information

Silica gel is not a dangerous substance according to EEC Council Directive 67/548/EC (Classification, Packaging and Labeling of Dangerous Substances) as last amended

※ A product that is assembled using this material is defined as an "article" based on OSHA definition of an article (c). Therefore, A product made of this material is exempt from requirement of the Hazard Communication Standard, 29 CFR1910.1200 (HCS 2012), hence a Safety-Data-Sheet is not required in accordance to HCS2012 (b)(6) and the sheets are supplied as a service. This Safety-Data-Sheet contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

16. OTHER INFORMATION

General advice

The applicable regulations and industrial hygiene standards have to be considered

The First Creating Date

- 2019.02.01

The Number of Times, and The Final Revision Date

- Revision times 01

- The final revision date: 2019.03.22

Further Information

Pulsarlube USA® has prepared copyrighted Product Safety Datasheets to provide information on the different Pulsarlube AIR® desiccant air breathers. As defined in above the text Pulsarlube AIR® desiccant air breathers are manufactured articles, which do not result in exposure to a hazardous chemical under normal conditions of use. The information and recommendations set forth herein are made in good faith, for information only, and are believed to be accurate as of the date of preparation. However, Pulsarlube USA® MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THIS INFORMATION AND DISCLAIMS ALL LIABILITY FROM REFERENCE ON IT.