

# SLURRYMONSTER DEHYDRATOR

Version No: 1.0

Safety Data Sheet according to OSHA HazCom Standard (2012) requirements

Issue Date: 1/3/2019 Print  
Date: 1/3/2019

## SECTION 1: IDENTIFICATION

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**Product Name:** Dehydrator**Other Means of Identification: None Recommended Use:** Not available.**Recommended Restrictions:** Workers should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.**Manufacturer****Company Name:** SlurryMonster**Company Address:** 31001 Schoolcraft Road, Livonia, MI 48150 Telephone: 1-877-4SLURRY**Website:** <http://www.slurrymonster.com/>**E-Mail:** [info@slurrymonster.com](mailto:info@slurrymonster.com)**In case of emergency call 911.****For information about this SDS, use this department contact phone#: 1-877-4SLURRY**

## SECTION 2: HAZARDS IDENTIFICATION

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**Physical Hazards:** Not classified**Health Hazards:** Carcinogenicity, Category 1A**Specific target organ toxicity, repeated exposure, Category 1. Environmental Hazards:** Not classified**OSHA Defined Hazards:** Not classified Label Elements**Label Elements****Signal Word:** Danger**Hazard Statement:** May cause cancer. Causes damage to organs through prolonged or repeated exposure.**Precautionary Statements****Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.**Response:** If exposed or concerned: Get medical advice/attention. Storage: Store locked up.**Disposal:** Dispose of contents/contained in accordance with local/regional/national/international regulations.**Description of other Hazards:** None known.**Supplemental Information:** 4% of the mix consists of component(s) of unknown acute oral toxicity. 53.5% of the mixture consists of component(s) of unknown acute dermal toxicity. 53.5% of the mixture consist of components(s) of unknown acute hazards to the aquatic environment. 53.5% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.**Contact Information**

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical Name	Synonym	CAS#	%
Quartz (SiO <sub>2</sub> )	None	14808-60-7	3 - < 5
Cristobalite	None	14464-46-1	1 - < 3
Other components below reportable levels	None		90 - 100

### SECTION 4: FIRST-AID MEASURES

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**After Skin Contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.

**After Eye Contact:** Rinse with water. Get medical attention if irritation develops and persists.

**After Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.

**After Swallowing:** Rinse mouth. Get medical attention if symptoms occur.

**Immediate Medical Attention Needed:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

#### General Information:

**If exposed or concerned:** Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

### SECTION 5: FIRE-FIGHTING MEASURES

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**Suitable Extinguishing Agents:** Water fog. Foam. Dry chemical powder. Carbon Dioxide (CO<sub>2</sub>). Unsuitable

**Extinguishing Agents:** Do not use a water jet as an extinguisher, as this will spread the fire.

**Specific Hazards Arising from the Chemical:** During fire, gasses hazardous to health may be formed.

**Special Protective Equipment for Firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire Fighting Equipment/Instructions:** Use water spray to cool unopened containers.

**Specific Methods:** Use standard firefighting procedures and consider the hazards of other involved materials.

**General Fire Hazards:** No unusual fire or explosion hazards noted.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Personal Precautions:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of SDS.

**Measures for Environmental Protection:** Avoid discharge into drains, water courses, or onto the ground.

**Measures for Cleaning/Collecting:** This product is miscible in water. Stop the flow of material, if this is without risk. Following product recovery, flush the area with water. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

### SECTION 7: HANDLING AND STORAGE

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**Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

**Storage:** Store locked up. Store in original tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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Chemical Name	OSHA PEL TABLE Z-1 Limits for Air Contaminants (29 CFR1910.1000)	OSHA TABLE Z-3 (29 CFR 1910.1000)	ACGIH OEL (TWA) Threshold Limit Values	NIOSH Pocket Guide to Chemical Hazards
Cristobalite (CAS 14464-46-1)	0.05 mg/m <sup>3</sup> Respirable dust	0.05 mg/m <sup>3</sup> Respirable	0.025 mg/m <sup>3</sup> Respirable fraction	0.05 mg/m <sup>3</sup> Respirable dust
Quartz (SiO <sub>2</sub> ) (CAS 14808-60-7)	0.05 mg/m <sup>3</sup> Respirable dust	0.1 mg/m <sup>3</sup> Respirable	0.025 mg/m <sup>3</sup> Respirable fraction	0.05 mg/m <sup>3</sup> Respirable dust

**Biological Limit Values:** No biological exposure limits noted for the ingredients(s).

**Exposure Guidelines:** Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

**Appropriate Engineering Controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Individual Protective Measures

**Breathing Equipment:** Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.

**Protection of Skin:** Wear protective chemical resistant gloves. Use of an impervious apron is recommended.

**Eye Protection:** Wear safety glasses with side shields (or goggles).

**General Protective and Hygienic Measures:** Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**Form:** Solid.

**Odor:** Not available.

**Odor threshold:** Not available.

**pH:** 6.5 – 8.5 at 0.5% dispersion.

**Melting Point/Melting Range:** Not available.

**Boiling Point/Boiling Range:** Not available.

**Flash Point:** Non-flammable.

**Evaporation Rate:** Not available.

**Flammability:** Not available.

**Upper/Lower Flammability or Explosive Limits:** Non-explosive.

**Auto-Ignition Temperature:** Not available.

**Danger of Explosion:** None.

**Vapor Pressure:** 0.000004 hPa estimated. Vapor density: Not available.

**Relative Density:** Not available.

**Solubility in/Miscibility with Water:** Negligible.

#### Other Information

**Bulk Density:** 55 lb/ft<sup>3</sup>

**Explosive Properties:** Not explosive.

**Oxidizing Properties:** Not oxidizing.

**Percent Volatile:** 0 % estimated

**VOC:** CARB

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## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** This product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical Stability:** Material is stable under normal conditions.

**Conditions to Avoid:** Contact with incompatible materials.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** No hazardous decomposition products are known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

**Inhalation:** Prolonged inhalation may be harmful.

**Skin Contact:** No adverse effects due to skin contact are expected.

**Eye Contact:** Direct contact with eyes may cause temporary irritation.

**Ingestion:** Expected to be a low ingestion hazard.

**Related Symptoms:** Direct contact with eyes may cause temporary irritation.

**Information on Toxicological Effects:** Acute toxicity not known

Components	Type	Species	Test Results
CRISTOBALITE (CAS 14464-46-1)	Acute, Oral, LD50	Rat	> 2250 mg/kg

**Skin Corrosion/Irritation:** Prolonged skin contact may cause temporary irritation.

**Serious Eye Damage/Eye Irritation:** Direct contact with eyes may cause temporary irritation. Respiratory or Skin Sensitization

**Respiratory Sensitization:** Not a respiratory sensitizer.

**Skin Sensitization:** This product is not expected to cause skin sensitization.

**Germ Cell Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity:** In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However, in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibers, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003) According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. May cause cancer. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

### IARC Monographs. Overall Evaluation of Carcinogenicity

CRISTOBALITE (CAS 14464-46-1): 1 Carcinogenic to humans.

QUARTZ (SiO<sub>2</sub>) (CAS 14808-60-7): 1 Carcinogenic to humans.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

CRISTOBALITE (CAS 14464-46-1): Cancer

QUARTZ (SiO<sub>2</sub>) (CAS 14808-60-7): Cancer

### US. National Toxicology Program (NTP) Report on Carcinogens

CRISTOBALITE (CAS 14464-46-1): Known To Be Human Carcinogen.

QUARTZ (SiO<sub>2</sub>) (CAS 14808-60-7): Known To Be Human Carcinogen.

**Reproductive Toxicity:** This product is not expected to cause reproductive or developmental effects.

**Specific Target Organ Toxicity - Single Exposure:** Not classified.

**Specific Target Organ Toxicity - Repeated Exposure:** Causes damage to organs through prolonged or repeated exposure.

**Aspiration Hazard:** Not an aspiration hazard.

**Chronic Effects:** Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

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## SECTION 12: ECOLOGICAL INFORMATION

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**Ecotoxicity:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Mobility:** No data available.

**Biodegradation:** No data available.

**Bioaccumulation:** No data available.

**Other Adverse Effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

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**Disposal Instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local Disposal Regulations:** Dispose in accordance with all applicable regulations.

**Hazardous Waste Code:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from Residues/Unused Products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated Packaging:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: TRANSPORT INFORMATION

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### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.

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## SECTION 15: REGULATORY INFORMATION

**US Federal Regulations:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not listed.

**SARA 304 Emergency Release Notification:** Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

CRISTOBALITE (CAS 14464-46-1): Cancer

QUARTZ (SIO2) (CAS 14808-60-7): Cancer

CRISTOBALITE (CAS 14464-46-1): Lung effects

QUARTZ (SIO2) (CAS 14808-60-7): Lung effects

CRISTOBALITE (CAS 14464-46-1): Immune system effects

QUARTZ (SIO2) (CAS 14808-60-7): Immune system effects

CRISTOBALITE (CAS 14464-46-1): Kidney effects

QUARTZ (SIO2) (CAS 14808-60-7): Kidney effects

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 302 Extremely Hazardous Substance:** Not listed.

**Sara 311/312 Hazardous Chemical:** No (Exempt)

**SARA 313 (TRI Reporting):** Not regulated.

**Other Federal Regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:** Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):** Not regulated.

**Safe Drinking Water Act (SDWA):** Not regulated.

**Food and Drug Administration (FDA):** Total Food Additive, Indirect Food Additive, GRAS Food Additive

**US State Regulations: WARNING:** This product contains a chemical known to the State of California to cause cancer.

**California Proposition 65**



**WARNING:** This product can expose you to QUARTZ (SIO2), which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**California Proposition 65 - CRT: Listed Date/Carcinogenic Substance**

QUARTZ (SIO2) (CAS 14808-60-7): Listed: October 1, 1988

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

CRISTOBALITE (CAS 14464-46-1)

QUARTZ (SIO2) (CAS 14808-60-7)

**International Inventories**

Country(s) or Region	Inventory Name	On Inventory (yes/no)
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States and Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### Contact Information

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## SECTION 16: OTHER INFORMATION

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**Issue Date:** 3-January-2020  
**Revision Date:** 3-January-2020  
**Version #:** 02

**HMIS® Ratings:**  
**Health:** 3\*  
**Flammability:** 0  
**Physical hazard:** 0

**NFPA Ratings:**  
**Health:** 2  
**Flammability:** 0  
**Instability:** 0

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### **Contact Information**

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