

SLURRYMONSTER LUCID MB

Version No: 1.0

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

Issue Date: 1/3/2020 Print
Date: 1/3/2020**SECTION 1: IDENTIFICATION**

Product Name: LUCID MB**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**In case of emergency call 911.****For information about this SDS, use this department contact phone#: 1-877-4SLURRY****SECTION 2: HAZARDS IDENTIFICATION**

Physical Hazards: Not classified**Health Hazards:** Not classified.**Environmental Hazards:** Not classified.**OSHA Defined Hazards:** Not classified.**Label Elements****Signal Word:** None.**Hazard Statement:** Not available.**Precautionary Statement****Prevention:** Not available.**Response:** Not available.**Storage:** Not available.**Disposal:** Not available.**Hazard(s) Not Otherwise Classified (HNOC):** None known.**Supplemental Information:** None.**Contact Information**

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Sodium Carbonate	Disodium Carbonate Soda Ash Sodium Carbonate Anhydrous	497-19-8	3.7
Zetag 7557 Flocculant		Proprietary	3.3

Impurities

Chemical Name	Common Name and Synonyms	CAS Number	%
Quartz		14808-60-7	<=4

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Composition Comments: This product contains naturally occurring crystalline silica (not listed in Annex I of Directive 67/548/EEC) in quantities less than 4%. Occupational Exposure Limits for impurities are listed in Section 8.

SECTION 4: FIRST-AID MEASURES

Inhalation: If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop. If not breathing, give artificial respiration or give oxygen by trained personnel.

Skin Contact: Immediately flush skin with running water for at least 20 minutes. Get medical attention if irritation develops or persists.

Eye Contact: Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.

Ingestion: Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.

Most Important Symptoms/Effects, Acute and Delayed: Not available.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Agents: Dry chemical, CO₂, water spray or regular foam.

Unsuitable Extinguishing Agents: Not available.

Specific Hazards Arising from the Chemical: Not applicable.

Special Protective Equipment for Firefighters: Material can be slippery when wet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Not available.

Measures for Environmental Protection: No special environmental precautions required. Do not let product enter drains.

Measures for Cleaning/Collecting: Stop leak if you can do so without risk. Large spills may be neutralized with dilute alkaline solutions of soda ash, or lime. Sweep up or gather material and place in appropriate container for disposal. Avoid the generation of dusts during clean-up.

SECTION 7: HANDLING AND STORAGE

Handling: Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage: No special storage conditions required. No special restrictions on storage with other products.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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Impurities	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
Inert or Nuisance Dusts (CAS SEQ250)	5 mg/m ³ Respirable Fraction 15 mg/m ³ Total Dust	5 mg/m ³ Respirable Fraction <i>15 mg/m³</i> <i>Total Dust</i> 50 mppcf Total Dust <i>15 mppcf</i> <i>Respirable Fraction</i>	N/A	N/A
Quartz (SiO ₂) (CAS 14808-60-7)	N/A	0.3 mg/m ³ Total Dust <i>0.1 mg/m³</i> <i>Respirable</i> 2.4 mppcf Respirable	0.025 mg/m ³ Respirable Fraction	0.05 mg/m ³ 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: If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. If engineering measures are not sufficient to maintain concentrations of dust particulates below the OEL, suitable respiratory protection must be worn.

Individual Protective Measures

Eye/Face Protection: Wear dust goggles. Eye wash fountain is recommended.

Skin Protection: Use of protective coveralls and long sleeves is recommended. Remove and wash contaminated clothing before re-use.

Hand Protection: Impervious butyl rubber gloves.

Respiratory Protection: Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.

Thermal Hazards: Not available.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State: Solid

Form: Powder.

Color: Tan

Odor: None.

Odor threshold: Not available.

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pH: 3.5

Melting point/melting range: Not available.

Boiling point/boiling range: Not available.

Flash point: Not available.

Evaporation rate: Not available.

Flammability: Not available.

Upper/lower flammability or explosive limits: Not available.

Auto ignition temperature: Not available.

Danger of explosion: Not available.

Vapor pressure: 0 hPa estimated

Vapor density: Not available.

Relative density: Not available.

Solubility (water): 100%

Partition Coefficient: Not available.

Auto-Ignition Temperature: Not available.

Decomposition Temperature: Not available.

Viscosity: Not available.

Other Information

Density: 2.53 g/cm³ estimated.

Specific Gravity: 2.53 estimated.

Percent Volatile: 0% volatile.

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SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not available.

Chemical Stability: Material is stable under normal conditions.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Ingestion: Not available.

Inhalation: Not available.

Skin Contact: Not available.

Eye Contact: Not available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics: Not available.

Information on Toxicological Effects

Acute Toxicity: May Cause Skin and Eye irritation

Components	Type	Species	Test Results
Sodium Carbonate (CAS 497-19-8)	Acute, Inhalation, LC50	Guinea Pig	0.8 mg/l, 2 Hours
		Rat	1.2 mg/l, 2 Hours
		Mouse	2.3 mg/l, 2 Hours
Sodium Carbonate (CAS 497-19-8)	Acute, Oral, LD50	Rat	4090 mg/kg
Sodium Carbonate (CAS 497-19-8)	Acute, Other, LD50	Rat	116.6 mg/kg, 30 Days
Impurities	Type	Species	Test Results
Quartz (CAS 14808-60-7)	Acute, Oral, LD50	Rat	500 mg/kg

Skin Corrosion/Irritation: Not available.

Serious Eye Damage/Eye Irritation: Not available.

Respiratory or Skin Sensitization

Respiratory Sensitization: Not available.

Skin Sensitization: Not available.

Germ Cell Mutagenicity: Not available.

Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

QUARTZ (CAS 14808-60-7) 1 Carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

QUARTZ (CAS 14808-60-7) Known To Be Human Carcinogen.

Reproductive Toxicity: Not available.

Specific Target Organ Toxicity – Single/Repeated Exposure: Not available.

Aspiration Hazard: Not available.

Chronic Effects: 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

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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. Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects. Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)

Ecotoxicity: Contains a substance which causes risk of hazardous effects to the environment.

Components	Type	Species	Test Results
Sodium Carbonate (CAS 497-19-8)	Aquatic, Fish, LC50	Bluegill (Lepomis Macrochirus)	300 mg/l, 96 Hours
Zetag 7557 Flocculant (CAS Proprietary)	Aquatic, Fish, LC50	Fish	<= 10 mg/l

Persistence and Degradability: Not available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Disposal Instructions: Dispose in accordance with all applicable regulations.

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

Hazardous Waste Code: Not regulated.

Waste from Residues/Unused Products: Not available.

Contaminated Packaging: Not available.

SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)

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.

SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)

US Federal Regulations: OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.

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

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories: Immediate Hazard: No

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Delayed Hazard: No
 Fire Hazard: No
 Pressure Hazard: No
 Reactivity Hazard: No


SARA 302 Extremely Hazardous Substance: Yes
 SARA 311/312 Hazardous Chemical: Yes
 SARA 313 (TRI reporting): Not regulated.

Other Federal Regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not listed.
 Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.
 Safe Drinking Water Act (SWDA): Not regulated.

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

California Proposition 65 – CRT: Listed Date/Carcinogenic Substance

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

US – Pennsylvania RTK – Hazardous Substances: Listed Substance

QUARTZ (CAS 14808-60-7)

US – Massachusetts RTK – Substance List

QUARTZ (CAS 14808-60-7)

US. New Jersey Worker and Community Right-to-Know Act

Not Regulated

US. Rhode Island RTK

Not Regulated

International Inventories

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

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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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).

SECTION 16: OTHER INFORMATION

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HMIS® Ratings:

Health: 1*

Flammability: 0

Physical hazard: 0

NFPA Ratings:

Health: 1

Flammability: 0

Instability: 0

Disclaimer: SlurryMonster can not anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

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