

### 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

<b>Product Identifier</b>	<b>CALCIUM CARBONATE</b>
<b>Other Means of Identification</b>	Not applicable.
<b>Recommended Use of Chemical and Restrictions on Use</b>	Drilling Fluids Additive.
<b>Supplier Details</b>	<b>Oren Hydrocarbon Middle East Fzco.</b> P.O. Box 18159 Jebel Ali Free Zone (South) Dubai, UAE Tel: +971 4 8860497 Fax: +971 4 8860498
<b>Emergency Phone Number</b>	Tel: +971 4 8860497

### 2. HAZARDS IDENTIFICATION

<b>Classification of the Substance / Mixture</b>	Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2B Specific target organ toxicity (single exposure) Category 3
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#### Label Elements Including Precautionary Statements

#### Hazard Pictogram(s):



#### Signal Word:

Warning

#### Hazard statement(s):

H315 - Causes skin irritation  
H320 - Causes eye irritation  
H335 - May cause respiratory irritation

#### Precautionary statements:

**Prevention:** P264 Wash thoroughly after handling  
P261 - Avoid breathing dust  
P271 - Use only outdoors or in a well-ventilated area  
P280 Wear protective gloves/protective clothing/eye protection/face protection/ hearing protection  
**Response:** P332+P313 - If skin irritation occurs: Get medical advice/attention  
P317 Get medical help  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

**Storage:** P405 Store locked up

P403+P233 - Store in a well-ventilated place. Keep container tightly close

**Disposal:** P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazards Not Otherwise Classified:** None known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance / mixture:** Substance.

Component	CAS No.	Weight (%)
CALCIUM CARBONATE	4713-34-1	90-100%
SILICA, CRYSTALLINE, QUATRZ	14808-60-7	3-5%

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

### 4. FIRST AID MEASURES

#### First Aid Measures

**Inhalation:** Move the exposed person to fresh air at once. If respiratory problems, artificial respiration/oxygen. Get medical attention if any discomfort continues.

**Skin contact:** Immediately flush skin with soap and water for at least 15 minutes. Remove contaminated clothing. Seek immediate medical attention.

**Eye contact:** Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

**Ingestion:** Rinse mouth with water many times. Do not induce vomiting. Get medical attention.

#### Most Important Symptoms / Effects, Acute and Delayed

**Acute effects:** No specific data.

**Delayed effects:** No specific data.

#### Indication of Immediate Medical Attention and Special Treatment Needed

**Note to physician:** Treat symptomatically.

**Specific treatments:** Specific treatment must be based on judgement of the physician in response to reactions of the patient.

**Protection of first aiders:** No action shall be taken involving any personal risk without suitable training.

### 5. FIREFIGHTING MEASURES

#### Extinguishing Media

**Suitable extinguishing media:** All standard firefighting media.

**Extinguishing media which must not be used for safety reasons:** Do not use a heavy water stream.

**Special Hazards Arising from the Substance or Mixture**

Not applicable.

**Special Protective Equipment and Precautions for Firefighters**

Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures**

Use appropriate protective equipment. Avoid creating and breathing dust. See Section 8 of this safety data sheet for additional information.

**Environmental precautions:** Prevent from entering sewers, waterways, or low areas. Notify authorities if liquid enters sewers or public waters.

**Methods and Materials for Containment and Cleaning Up**

On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

**Protective measures:** Do not get in eyes, on skin or on clothing. Use only in a well-ventilated area.

**Advice on general occupational hygiene:** Wash hands after handling and before eating. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly. See also Section 8 for additional information on hygiene measures.

**Conditions for Safe Storage, Including Any Incompatibilities**

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks, and flames. Store away from incompatibles strong oxidizers and Strong acids.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters**

**Occupational exposure limits:** No data available

**Appropriate Engineering Controls**

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and risk-elimination area.

**Individual Protection Measures, Such as Personal Protective Equipment**

If engineering controls and work practices cannot prevent excessive exposures, the selection and proper use of personal protective equipment should be determined by an industrial hygienist or other qualified professional based on the specific application of this product.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and / or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye / face protection:** Wear safety glasses or goggles to protect against exposure.

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**Hand protection:** Normal work gloves.

**Body protection:** Wear clothing appropriate for the work environment. Dusty clothing should be laundered before reuse. Use precautionary measures to avoid creating dust when removing or laundering clothing.

**Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.

**Respiratory protection:** Wear a NIOSH certified respirator when using this product. All respiratory protection equipment should be used within a comprehensive respiratory protection program that meets the requirements of 29 CFR 1910.134 (U.S. OSHA Respiratory Protection Standard) or local equivalent.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to grey Powder.
Odor	Odorless.
Odor Threshold	Not available.
pH	Not available.
Melting Point / Freezing Point	Not available.
Initial Boiling Point and Boiling Range	Not available.
Flash Point	Not available.
Evaporation Rate	Not available.
Flammability (solid, gas)	Not available.
Upper / Lower Flammability or Explosive Limits	Not available.
Vapor Pressure	Not available.
Vapor Density	Not available.
Specific Gravity	2.7 – 2.8
Solubility	Insoluble in water.
Partial coefficient (n-octanol / water)	Not available.
Auto-ignition Temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.

### 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not expected to be reactive.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	Will not occur.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	Strong Acids. Strong oxidizers.
<b>Hazardous Decomposition Products</b>	None known.

### 11. TOXICOLOGICAL INFORMATION

<b>Information on Toxicological Effects</b>	<p><b>Acute toxicity:</b> No information available</p> <p><b>Irritation / Corrosion:</b> No information available</p> <p><b>Sensitization:</b> No information available</p> <p><b>Mutagenicity:</b> No information available</p> <p><b>Carcinogenicity:</b> No information available</p> <p><b>Reproductive toxicity:</b> No information available.</p> <p><b>Teratogenicity:</b> No information available.</p> <p><b>Specific target organ toxicity (single exposure):</b> No information available</p> <p><b>Specific target organ toxicity (repeated exposure):</b> No information available</p> <p><b>Aspiration hazard:</b> Not applicable.</p>
<b>Information on Likely Routes of Exposure</b>	<p><b>Routes of entry anticipated:</b> Oral; dermal, inhalation.</p> <p><b>Inhalation:</b> No specific data.</p> <p><b>Skin contact:</b> No specific data.</p> <p><b>Eye contact:</b> No specific data.</p> <p><b>Ingestion:</b> No specific data.</p>
<b>Symptoms Related to the Physical, Chemical and Toxicological Characteristics</b>	<p><b>Inhalation:</b></p> <p><b>Skin contact:</b> May cause mechanical skin irritation.</p> <p><b>Eye contact:</b> May cause mechanical irritation to eye.</p> <p><b>Ingestion:</b> None known.</p>
<b>Delayed and Immediate Effects, and also Chronic Effects From Short and Long-term Exposure</b>	See Information on Toxicological Effects in this section of the safety data sheet.

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### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No information available.
<b>Persistence and Degradability</b>	No information available..
<b>Bioaccumulative Potential</b>	No information available.
<b>Mobility in Soil</b>	No information available.
<b>Other Adverse Effects</b>	No information available.

### 13. DISPOSAL CONSIDERATIONS

<b>Description of Waste Residues and Information on Their Safe Handling and Methods of Disposal, Including the Disposal of Any Contaminated Packaging</b>	<p>The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemicals or used container. Send to a licensed waste management company.</p> <p>Dispose of in accordance with all applicable local, state and federal regulations. Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.</p>
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### 14. TRANSPORT INFORMATION

<b>UN Number</b>	Not regulated.
<b>UN Proper Shipping Name</b>	Not regulated.
<b>Transport classes</b>	Not regulated.
<b>Packing Group</b>	Not regulated.
<b>Environmental Hazards</b>	Not applicable.
<b>Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable.
<b>Special Precautions For User</b>	Transport within user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### 15. REGULATORY INFORMATION

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### International Inventories

Australia (AICS):	Not determined.
Canada (DSL):	All components are listed or exempted.
China (IECSC):	Not determined.
European Union (EINECS / ELINCS):	Not determined.
Japan (ENCS):	Not determined.
New Zealand (NZIoC):	Not determined.
Philippines (PICCS):	Not determined.
South Korea (KECL):	Not determined.
Taiwan (NECI):	Not determined.
United States (TSCA):	All components are listed or exempted.

### 16. OTHER INFORMATION

<b>Prepared By</b>	Product Safety Committee
<b>Revision Number</b>	2.00
<b>Revision Date</b>	13 April 2021
<b>Updates from Previous Revision</b>	Updated all section to GHS format

### Disclaimer

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### Acronyms and Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstract Services (division of the American Chemical Society)
CDR	Chemical Data Reporting
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
DSL	Domestic Substances List
EC <sub>50</sub>	Half Maximal Effective Concentration
EINECS / ELINCS	European Inventory of Existing Chemical Substances / European List of Notified Chemical Substances
ENCS	Existing and New Chemical Substances
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
KECL	Korean Existing Chemical List
MARPOL 73/78	International Convention for the Prevention of Pollution from Ships
mg/kg	Milligram per kilogram
mg/l	Milligram per liter
mg/m <sup>3</sup>	Milligram per cubic meter
MSHA	Mine Safety and Health Administration
NECI	National Existing Chemical Inventory
NIOSH	National Institute for Occupational Safety and Health



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NZIOC	New Zealand Inventory of Chemicals
OSHA	Occupational Safety and Health Administration, U.S. Department of Labor
PEL	Permissible Exposure Limit
PICCS	Philippines Inventory of Chemicals and Chemical Substances
ppm	Part per million
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time-weighted Average

**END OF SAFETY DATA SHEET**