



SAFETY DATA SHEET

P.O. Box 1603
EUNICE, LA 70535
866-457-0064 or 337-457-0064

DEL CARB (CALCIUM CARBONATE) (FINE (325), MEDIUM (200), COARSE (100))

NDF00047

Revision Date 11-Nov-2016

Version 2

1. - IDENTIFICATION

Product identifier

Product name: Calcium Carbonate
Synonyms Del Carb Fine (325), Del Carb Medium (200), Del Carb Coarse (100)

Recommended use of the chemical and restrictions on use

Recommended Use No information available

Details of the supplier of the safety data sheet

Distributor information:

Company name Delta Drilling Products & Services, LLC
Address 154 Eastpark Drive
Eunice, LA 70535
Telephone (866) 457-0064 or (337) 457-0064
E-mail deltaproducts@bellsouth.net

Emergency Telephone Number

Emergency Telephone Chemtrec – US +1 (800) 424-9300
Chemtrec – International +1 (703) 527-3887

2. HAZARD(S) IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity

Category 1A – (H350)

Label elements

Emergency Overview

Danger

Hazard Statements

May cause cancer



Appearance dry, free flowing granules

Physical state Solid

Odor Odorless

Precautionary Statements – Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statements – Response

IF exposed or concerned: get medical advice/attention

Precautionary Statements – Storage

Store locked up

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other information

Not applicable.

Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substances**

Chemical Name	CAS Number	Weight - %
Limestone	1317-65-3	60 – 100*
Quartz	14808-60-7	3 -7*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST-AID MEASURES**Description of first aid measures****General advice**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact

Remove contaminated clothing and shoes. Brush off loose particles from skin. Wash skin with soap and water. Wash contaminated clothing before reuse.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

Self-protection of the first aider

Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed**Symptoms**

No information available

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Carbon oxides, Calcium oxides

Explosion data

Sensitivity to Mechanical Impact None

Sensitivity to Static Discharge None

Protective equipment and precautions for firefighters

As in any fire, 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

Personal precautions Ensure adequate ventilation, especially in confined areas. Avoid creating dust.

For emergency responders Use personal protective equipment as required. See section 8 for more information.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Prevent dust cloud.

Methods for cleaning up Use personal protective equipment as required. Avoid creating dust. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry; cool and well-ventilated place.

Incompatible materials Strong acids. Strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Limestone 1317-65-3	-	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust

Quartz 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 µ/m ³ TWA: 50 µ/m ³ excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: .1 mg/m ³ respirable dust : (250)/(%SiO ₂ + 5) mppcf TWA : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
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NIOSH IDLH Immediately Dangerous to Life or Health

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2 962 (11th Cir., 1992)

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.
Skin and body protection Wear protective gloves and protective clothing.
Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid	Odor	Odorless
Appearance	dry, free flowing granules	Odor threshold	No information available
Color	White to beige		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH		No information available
Melting point/freezing point		No information available
Boiling Point/boiling range		No information available
Flash point		Not Applicable
Evaporation rate		Not applicable
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability limit		Not applicable
Lower flammability limit		Not applicable
Vapor pressure		No information available
Vapor density		No information available
Specific gravity	2.6 – 2.7	
Water solubility	negligible	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		Not applicable
Decomposition temperature		No information available
Kinematic viscosity		Not applicable

Dynamic viscosity Not applicable
 Explosive properties Not an explosive
 Oxidizing properties Not applicable

Other information

Softening Point Not applicable
 Molecular weight No information available
 VOC content(%) Not applicable
 Density 2.67 – 2.7 g/cm³
 Bulk density No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Hazardous polymerization does not occur.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

Conditions to avoid

Extremes of temperature and direct sunlight. Incompatible materials. Dust formation

Incompatible materials

Strong acids. Strong bases.

Hazardous decomposition products

Carbon oxides. Calcium oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information No data available
 Inhalation No data available
 Eye contact No data available
 Skin contact No data available
 Ingestion No data available

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Quartz 14808-60-7	=500 mg/kg (Rat)	No data available	No data available

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization None known.

Germ cell mutagenicity None known.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

ACGIH (American conference of Governmental Industrial Hygienists)

A2 – suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 – Carcinogenic to Humans

NTP (National Toxicology Program)

Known – Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X – Present

Reproductive toxicity	None known.
STOT – single exposure	None known
STOT – repeated exposure	Causes damage to organs through prolonged or repeated if inhaled.
Target Organ Effects	Eyes, Lungs, Respiratory system, Skin.
Aspiration hazard	No information available.

Numerical measures of toxicity – Product information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 10,000.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

5% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container. Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO (air) Not regulated

IATA Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

DSL/NDSL Complies

EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
NZIoC	Complies

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDL - Canadian domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances
- NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Quartz – 14808-60-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Limestone 1317-65-3	X	X	X
Quartz 14808-60-7	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS Contains all the information required by the CPR

WHMIS Hazard Class



D2A – Very toxic materials

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards	1	<u>HMIS</u>	Health hazards	1*
	Flammability	0		Flammability	0
	Instability	0		Physical hazards	0
	Physical and Chemical	-		Personal protection	X

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