

SAFETY DATA SHEET

9814100 OMYACARB 25N-LU



Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
Date of first issue: 08/27/2020

SECTION 1. IDENTIFICATION

Product name : OMYACARB 25N-LU
Product code : 9814100

Manufacturer or supplier's details

Company name of supplier : Omya International AG
Address : 42 Baslerstrasse
Oftringen AG 4665
Telephone : +41627892929
Telefax : +41627892077
Emergency telephone : (800) 424-9300

Recommended use of the chemical and restrictions on use

Recommended use : Filler or Pigment
Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity (Inhalation) : Category 1A
Specific target organ toxicity : Category 2 (Lungs)
- repeated exposure
(Inhalation)

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H350 May cause cancer by inhalation.
H373 May cause damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

SAFETY DATA SHEET

9814100 OMYACARB 25N-LU



Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
Date of first issue: 08/27/2020

Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Storage:
P405 Store locked up.

Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Components

Chemical name	CAS-No.	Typical composition (% w/w)
Ground calcium carbonate (GCC)	1317-65-3	>= 90 - <= 100
quartz (SiO ₂)	14808-60-7	1.1

SECTION 4. FIRST AID MEASURES

If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.

In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.

If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and : None known.

SAFETY DATA SHEET



9814100 OMYACARB 25N-LU

Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
Date of first issue: 08/27/2020

delayed

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Hazardous combustion products : No hazardous combustion products are known
- Further information : Standard procedure for chemical fires.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.
- Environmental precautions : No special environmental precautions required.
- Methods and materials for containment and cleaning up : Sweep up and shovel.
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Avoid dust formation.
Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : For personal protection see section 8.
No special handling advice required.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
- Materials to avoid : Do not store near acids.
- Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis

SAFETY DATA SHEET



9814100 OMYACARB 25N-LU

Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
 Date of first issue: 08/27/2020

Ground calcium carbonate (GCC)	1317-65-3	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		TWA (Respirable)	5 mg/m3 (Calcium carbonate)	NIOSH REL
		TWA (total)	10 mg/m3 (Calcium carbonate)	NIOSH REL
quartz (SiO ₂)	14808-60-7	TWA (respirable)	10 mg/m3 / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
		TWA (Respirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
		TWA (Respirable dust)	0.05 mg/m3	OSHA Z-1
		PEL (respirable)	0.05 mg/m3	OSHA CARC

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : sand, gravel

SAFETY DATA SHEET

9814100 OMYACARB 25N-LU



Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
Date of first issue: 08/27/2020

Odor : characteristic

pH : 8.5 - 9.5 (20 °C / 20 °C)
Concentration: 100 g/l
Method: DIN-ISO 787/9

Melting point/range : > 800 °C / > 800 °C
(1,013 hPa)
Decomposition: Decomposes below the melting point.

Boiling point/boiling range : Decomposition: Decomposes below the boiling point.

Flash point : does not flash

Flammability (solid, gas) : The product is not flammable.

Burning number : 1

Lower explosion limit / Lower flammability limit : Not applicable

Vapor pressure : Not applicable

Density : 2.6 - 2.8 g/cm³ (20 °C / 20 °C, 1,013 hPa)
Method: DIN-ISO 787/10

Solubility(ies)
Water solubility : 0.014 g/l (20 °C / 20 °C, 1,013 hPa)
0.018 g/l (75 °C / 75 °C, 1,013 hPa)

Partition coefficient: n-octanol/water : Pow: < 1 estimated

Decomposition temperature : > 600 °C / > 600 °C

Explosive properties : Not explosive
Not explosive

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Stable under recommended storage conditions.
No decomposition if used as directed.
Reacts with acids. It forms carbon dioxide (CO₂). This

SAFETY DATA SHEET

9814100 OMYACARB 25N-LU



Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
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displaces the oxygen in the air in closed spaces. (danger of suffocation)

Conditions to avoid : No data available

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

Components:

Ground calcium carbonate (GCC):

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

Respiratory or skin sensitization

Product:

No data available

Carcinogenicity

Components:

quartz (SiO₂):

Carcinogenicity - Assessment : Positive evidence from human epidemiological studies (inhalation)

IARC	Group 1: Carcinogenic to humans quartz (SiO ₂) (Silica dust, crystalline)	14808-60-7
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NTP	Known to be human carcinogen quartz (SiO ₂) (Silica, Crystalline (Respirable Size))	14808-60-7
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STOT-repeated exposure

Components:

quartz (SiO₂):

Routes of exposure : Inhalation
Target Organs : Lungs
Assessment : May cause damage to organs through prolonged or repeated exposure.

SAFETY DATA SHEET

9814100 OMYACARB 25N-LU



Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
Date of first issue: 08/27/2020

Further information

Product:

This product contains prismatic tremolite (e.g., cleavage fragments) as an impurity. Sufficient exposure to respirable prismatic tremolite dust may cause serious lung problems.

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 10,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : NOEC (Desmodesmus subspicatus (green algae)): 75 mg/l
Exposure time: 72 h

EC50 (Desmodesmus subspicatus (green algae)): 289 mg/l
Exposure time: 72 h

Components:

Ground calcium carbonate (GCC):

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 10,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l
Exposure time: 72 h

quartz (SiO₂):

Toxicity to fish : No toxicity at the limit of solubility.

Toxicity to daphnia and other aquatic invertebrates : No toxicity at the limit of solubility.

Toxicity to algae/aquatic plants : No toxicity at the limit of solubility.

Toxicity to microorganisms : No toxicity at the limit of solubility.

Persistence and degradability

Product:

SAFETY DATA SHEET

9814100 OMYACARB 25N-LU



Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
Date of first issue: 08/27/2020

Biodegradability : Not applicable

Components:

quartz (SiO₂):

Biodegradability : Result: Not biodegradable.

Biochemical Oxygen Demand (BOD) : Not applicable

Chemical Oxygen Demand (COD) : Not applicable

Bioaccumulative potential

Components:

Ground calcium carbonate (GCC):

Partition coefficient: n-octanol/water : Not applicable

quartz (SiO₂):

Bioaccumulation : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

Partition coefficient: n-octanol/water : Not applicable

Mobility in soil

No data available

Other adverse effects

Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : In solid state these minerals are a major part of the rocks of the earth's surface.
They are dissolved in a natural state and indispensable part of the natural waters.
These minerals are not biodegradable.
Negative effects on the environment should therefore be excluded.
Restrictions may be indicated that concentrated suspensions these minerals in natural waters may have an unfavorable effect on water organisms (disturbance of the micro flora and - fauna in the sediment and subsequent detriment to the

SAFETY DATA SHEET

9814100 OMYACARB 25N-LU



Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
Date of first issue: 08/27/2020

existence of higher water organisms).

Components:

Ground calcium carbonate (GCC):

Results of PBT and vPvB assessment : Non-classified PBT substance Non-classified vPvB substance

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulations

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Acute/Chronic Health Hazard
Specific target organ toxicity (single or repeated exposure)

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SAFETY DATA SHEET



9814100 OMYACARB 25N-LU

Version 1.0 (GHS_US) Revision Date: 08/27/2020 SDS Number: PR98141-00 Date of last issue: -
Date of first issue: 08/27/2020

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307
This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations

Massachusetts Right To Know

Ground calcium carbonate (GCC) 1317-65-3
quartz (SiO₂) 14808-60-7

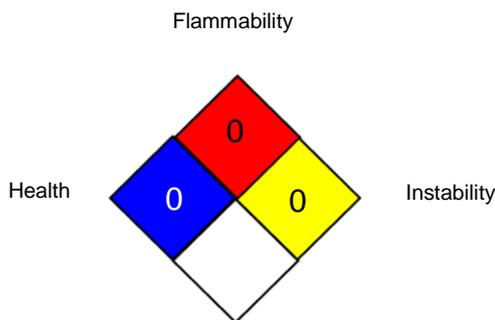
Pennsylvania Right To Know

Ground calcium carbonate (GCC) 1317-65-3
quartz (SiO₂) 14808-60-7

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH	*	1
FLAMMABILITY		0
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

SAFETY DATA SHEET

9814100 OMYACARB 25N-LU



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0 (GHS_US)	08/27/2020	PR98141-00	Date of first issue: 08/27/2020

compile the Material Safety
Data Sheet

Revision Date : 08/27/2020

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 information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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