

Safety Data Sheet

According to the GHS

Version 4
Revision Date: 11/24/2025
Print Date: 11/24/2025
Generic SDS – No Country Specific Data

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers:

Product Name:	SELENIZZA® COL AS03
EC N°:	601-660-8
CAS No.:	12002-43-6
HS Code:	2714.90.0000
REACH Registration No.:	Exempt (See Section 16)
Synonyms:	Gilsonite, natural asphalt, asphaltite, uintaite; rock asphalt, bitumen, mineral rubber.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Performance enhancing agent for asphalt mixes, drilling mud fluids and oil well cementing, primary carbon black wetting agent for black inks, formulation of asphaltic paints and varnishes, additive in foundry sands.
Uses advised against	Not information available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier	Aventura Services Inc.
Street address/P.O. Box	3625 North Country Club Drive, Suite 1508 Aventura, Florida.
Country ID/Postcode/Place	US, 33180.
Telephone number (if possible, indicate telefax)	1 786 321-4572
e-mail address of competent person responsible for the SDS	info@aventuraservices.com

1.4 Emergency telephone number

Emergency telephone number	1 786 297-4572
Opening hours:	8:00 – 18:00 (USA East Coast)
Language(s) of the phone service)	English / Spanish.

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Eye irritation (Category 2) H319

Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Pictogram



Signal Word

Warning

Hazard Statements

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

Precautionary Statements

P261

Avoid breathing dust.

P264 + 265

Wash hands thoroughly after handling. Do not touch eyes.

P271

Use only outdoors or in a well-ventilated area.

P280

Wear protective gloves and eye protection.

P304 + P319

IF INHALED get medical help if you feel unwell.

P304 + P340

IF INHALED Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P317

If eye irritation persists, get medical help.

P403

Store in a well-ventilated place.

P501

Dispose of contents/container in accordance with the local regulations.

2.3 Other hazards

Elevated concentrations of dust derived from this product, when airborne in the presence of other dust particles, pose an explosion risk when exposed to sparks, flames, or heat. It is important to prevent the accumulation of dust on equipment and surfaces within areas where this product is used.

Chronic Effects: May cause Lung Damage when inhaled in concentrations above OSHA exposure limits.

Chronic Toxicity Studies: Not available

Medical Conditions Aggravated by Long-Term Exposure: Respiratory conditions such as asthma emphysema.

It is important to prevent the accumulation of gas if the product is mixed with bitumen in significant quantities (> 1 metric ton of binder) in a closed enclosure (tank, asphalt continuous plant), a gas extraction system must be operational and connected to an outlet outside possible ignition points.

SECTION 3: Composition/information on ingredients

3.1 Substance

Component		Classification	Concentration
Natural Asphalt			
CAS No.	12002-43-6	Eye Irrit. 2 STOT SE 3	<= 100 %
EC No.	601-660-8		

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:

Remove to fresh air. Obtain medical attention if breathing difficulty persists.

Eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact:

Not expected to require first aid measures. Remove contaminated clothing and shoes. Wash skin thoroughly with mild soap and water. Get medical attention if discomfort continues.

Ingestion:

Though not expected to be a primary route of exposure, if ingestion occurs, dilute with 2-3 glasses of water or milk if conscious. Do NOT induce vomiting unless directed to do so by a physician. If the subject is unconscious do not give anything by mouth nor induce vomiting. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

May cause eye and respiratory tract irritation. Avoid contact with eyes, skin, and clothing. Avoid breathing airborne products. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Note: Although Asphaltite is not a carcinogen, processes in which Asphaltite is brought to remarkably elevated temperatures may alter its complex hydrocarbon structure and may produce carcinogenic substances.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media:

Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Combustible dust. Hazard of dust explosion.

Hazardous combustion products:

Under conditions of fire this material may produce: Carbon dioxide. Carbon monoxide. Nitrogen oxides.

5.3 Advice for firefighters

Stay in danger area only with self-contained breathing apparatus. Wear suitable protective clothing.

Avoid dust clouds in combination with static electricity. Dust clouds can be explosive.

Do not breathe fumes from fires or vapors from decomposition.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Wear appropriate safety gear including eye and respiratory protection. See Section 8.

Eliminate ignition sources. Avoid generation of dust during clean-up.

6.2 Environmental precautions

Prevent Natural Asphalt from entering drains, sewers, or waterways.

If a significant spill occurs, notify local authorities.

6.3 Methods and material for containment and cleaning up

Collect dry material by vacuum or by sweeping and shoveling.

Recover uncontaminated material for repackaging.

Collect contaminated material in an approved and labelled container for disposal.

Flush spill area thoroughly with water once all traces of material are swept up.

6.4 Reference to other sections

See Section 13 for spill waste disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures:

Wear proper protective equipment (See Section 8). Avoid contact with eyes. Avoid breathing dust.

Wash working clothes before reuse.

Measures to prevent fire:

Keep away from ignition sources.

Measures to prevent aerosol and dust generation:

Use appropriate explosion- proof local exhaust ventilation or other dust control measures.

Measures to protect the environment:

Follow good warehousing practices to prevent product from entering drains, sewers, or waterways.

Advice on general occupational hygiene:

Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work. Keep the working area as clean and tidy as possible. Change work clothes daily.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Store in a cool, dry, well-ventilated area away from incompatible materials and ignition sources in accordance with local/national/ international regulations.

Incompatibilities

Incompatible products: Strong oxidizing agents.

7.3 Specific end use(s)

Performance enhancing agent for asphalt mixtures.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

OSHA PEL: 5 mg/m³

OSHA STEL: 10 mg/m³

Information on monitoring procedures

Not available.

8.2 Exposure controls

Appropriate engineering controls

Use appropriate engineering controls such as ventilation and process enclosure to keep the airborne particle under acceptable limits.

Personal Protection

Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
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Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves must satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Full contact Material: Nitrile rubber Minimum
Respiratory protection	Respiratory protection required when dusts are generated.
Environmental Exposure Controls	Prevent Natural Asphalt from entering drains, sewers, or waterways.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Physical state	Solid. Lumps or powder.
b) Color	Black.
c) Odor	Note
d) Melting point/freezing point	Information not available
e) Boiling point or initial boiling point and boiling range	N/A
f) Flammability	May form combustible dust concentrations in air.
g) Lower and upper explosion limit	N/A
h) Flash point (COC)	315 °C
i) Auto-ignition temperature	N/A
j) Decomposition temperature	N/A
k) pH	Information not available
l) Kinematic viscosity	N/A
m) Solubility	Information not available
n) Partition coefficient n-octanol/water	Information not available
o) Vapor pressure	N/A
p) Density	Information not available
q) Specific Gravity:	1.02
r) Relative vapor density	N/A
s) Particle	Information not available

9.2 Other information

Dust generated when processing natural asphalt can lead to explosive atmospheres.

SECTION 10: Stability and reactivity

10.1 Reactivity

In correspondingly fine distribution, when whirled up a dust explosion potential may be assumed.

10.2 Chemical stability

The product is chemically stable under standard temperature and humidity conditions.

10.3 Possibility of hazardous reactions

Information not available.

10.4 Conditions to avoid

Keep away from heat, sparks, flame, and excessive heat above 550 °F (288 °C).

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

In the event of fire: Carbon monoxide, Carbon dioxide, Oxides of nitrogen.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Oral: No data available.

Inhalation: No data available.

Dermal: No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

May cause eye irritation by contact.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

Negative for Ames test.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Specific target organ toxicity (STOT) single exposure

No data available.

Specific target organ toxicity (STOT) repeated exposure

No data available.

Aspiration hazard

No data available.

11.2 Additional Information

To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity

Acute (short-term) toxicity:

Fish: No data available.

Crustacea: No data available.

Algae/aquatic plants: No data available.

Other organisms: No data available.

Chronic (long-term) toxicity:

Fish: No data available.

Crustacea: No data available.

Algae/aquatic plants: No data available.

Other organisms: No data available.

12.2 Persistence and degradability

Abiotic Degradation:

No data available.

Physical- and photo-chemical elimination:

No data available.

Biodegradation:

No data available.

12.3 Bioaccumulative potential

Partition coefficient n-octanol /water (log Kow):

No data available.

Bioconcentration factor (BCF):

No data available.

12.4 Mobility in soil

Known or predicted distribution to environmental compartments:

No data available.

Surface tension:
No data available.

Adsorption/Desorption:
No data available.

12.5 Results of PBT and vPvB assessment
No data available.

12.6 Endocrine disrupting properties
No data available.

12.7 Other adverse effects
No data available.

12.8 Additional information
No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product / Packaging disposal:

Waste code: 01 03 08

Waste designations according to LoW: Dusty and powdery wastes other than those mentioned in 01 03 07 (Non-hazardous)

Package the waste in adequate containers and label according to local regulations.
Consider recycling this product as a first alternative. Dispose of empty containers and waste in accordance with local regulations.

Discourage sewage disposal.

SECTION 14: Transport information

14.1. UN number

ADR/RID: - IMDG: - IATA: -

14.2. UN proper shipping name

ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3. Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4. Packing group

ADR/RID: - IMDG: - IATA: -

14.5. Environmental hazards

ADR/RID: No data available IMDG: No data available IATA: No data available

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory Information

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture

ECC Labeling: Not classified.

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

European Union EINECS/ELINCS: Components are listed or exempt from listing.

U.S. Federal and State Regulations: SARA 311/312 (42 U.S.C. 11021 and 11022 and

implementing regulations) Hazard Categories: Fire Hazard SARA 302/304, 313 (42 U.S.C. 11002, 11004, and 11023); CERCLA RQ (40 C.F.R. 302.4 and 302.5): This product is not subject to the referenced SARA and CERCLA regulations and is not expected to pose a significant risk under anticipated use conditions.

U.S. TSCA: Components are listed or exempt from listing.

U.S. TSCA: No components are subject to TSCA 12(b) export notification requirements.

Canada DSL: Components are listed or exempt from listing.

Canadian Classification: Controlled Products Regulations Statement (CPR): This product has been classified in accordance with the hazard criteria of the CPR and the GHS SDS contains all the information required by the CPR.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been conducted for this substance/mixture by the supplier.

Section 16: Other Information

REACH Registration Exemption	According to REACH Annex V - Exemptions from the obligation to register in accordance with article 2(7)(b) Natural Asphalt is exempt from registration: <i>7. The following substances which occur in nature, if they are not chemically modified: Minerals, ores, ore concentrates, raw and processed natural gas, crude oil, coal.</i>
NFPA 704 rating:	Health: 1 – Fire: 1 – Stability: 0
EU-directive 67/548 EU:	In accordance with the EU-directive 67/548 EU this product should be considered as a substance and is not hazardous.

Full text of H-Statements referred to under section 2.

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists
ANSI: American National Standards Institute
CAS: Chemical Abstracts Service **CERCLA** - Comprehensive Environmental Response, Compensation & Liability Act of 1980
CFR: Code of Federal Regulations **CHEMTREC** - Chemical Transportation Emergency Center
CPR: Controlled Products Regulations
CWC: Chemical Weapons Convention
DOT: U.S. Department of Transportation
DSL: Canadian Domestic Substance List
EHS: Extremely Hazardous Substance
EINECS: European Inventory of Existing Commercial Chemical Substances
EPA: U.S. Environmental Protection Agency
HMIS: Hazardous Material Identification System

IARC: International Agency for Research on Cancer
LEL/UEL: Lower and Upper Explosive Limit
N/A: Not Applicable
ND: Not Data
NAERG: North American Emergency Response Guidebook
NIOSH: National Institute of Occupational Safety and Health
NFPA: National Fire Protection Association
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit (set by OSHA)
PPE: Personal Protective Equipment
RCRA: Resource Conservation and Recovery Act of 1976
REACH: Registration, Evaluation, Authorization and Restriction of Chemicals
SARA: Superfund Amendments and Reauthorization Act
MSDS: Material Safety Data Sheet
STEL: Concentration to which workers can be exposed continuously for a short period of time without suffering from irritation, irreversible tissue damage or narcosis of sufficient degree to

increase the likelihood of accidental injury, impair self-rescue or materially reduce work efficiency.

SVHC: Substance of very high concern

TDG (Canadian): Transport of Dangerous Goods Regulations

TLV: Threshold Limit Value (set by ACGIH)

TWA: 8-hour Time Weighted Average

TSCA: US Toxic Substance Control Act

WHMIS: Workplace Hazardous Material Information System

Disclaimer of Liability:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product regarding appropriate safety precautions. It does not represent any guarantee of the properties of the product. Aventura Services shall not be held liable for any damage resulting from handling or from contact with the above product.