

Natural Sand and Gravel

37 BP Mining

Safety Data Sheet



Revision date: 28 February 2018
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1. Product and Company Identification

1.1 Product identifiers

Product Name Natural Sand and Gravel
Producer 37 BP Mining
Product Number n/a
CAS-No.

1.2 Identified uses of the product and uses advised against

Identified Uses Construction

1.3 Details of the chemical supplier

Company 37 BP Mining
Address 3133 Ranger Hwy
Weatherford, TX
76088 USA
Telephone: (817)341-3130

1.4 Emergency phone number

Emergency phone number (817)341-8744 (Emergency Telephone, 24 hrs-a-day / 7 days-a-week)

2. Hazards Identification

2.1 Classification of the substance or mixture according to GHS

GHS class Acute Toxicity Oral – Category 4
Skin Corrosion/Irritation – Category 2
Eye Damage/Irritation – Category 2B
Carcinogenicity – Category 1A
Specific Target Organ Toxicity Repeat Exposure – Category 1
For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

GHS pictograms



Signal word Danger

Hazard statements
H302 – Harmful if swallowed.
H315 – Causes skin irritation.
H320 – Causes eye irritation.
H350 – May cause cancer.
H372 – Causes damage to organs.

Precautionary statements
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/vapours/spray.
P264 – Wash skin thoroughly after handling.
P270 – Do not eat, drink, or smoke when using this product.
P271 – Wear protective gloves/protective clothing/ eye protection.
P280 – Wear eye protection/ face protection.
P308 + P313 – IF exposed or concerned: Get medical advice/attention.
P405 – Store locked up.

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

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS
None

3. Composition/Information on Ingredients

3.1 Product mixture

Synonyms	Crushed stone, calcium carbonate, aggregate, quartz
Formula	n/a
Molecular wt	n/a
CAS-No.	n/a
EC-No.	n/a

Chemical Name	CAS-No.	Ingredient Percent
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Natural Sand and Gravel	None	>90%
Nuisance Dusts	None	<1-5%

Remarks There are no additional hazardous ingredients greater than or equal to 1.0 wt% concentration or carcinogenic ingredients greater than or equal to 0.1 wt% concentration.

4. First Aid Measures

4.1 Description of first aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Skin contact	Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
Eye contact	Flush eyes with water as a precaution.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects	May cause eye irritation and may scratch eye surface due to particle abrasion. May irritate nose and throat if dust is inhaled. May cause coughing, sneezing, mucous discharge, or dyspnea (shortness of breath).
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4.3 Indication of any immediate medical attention and special treatment needed

Other first aid	Seek immediate medical attention for inhalation of large quantities of dust. Seek immediate attention if material comes into contact with eyes and cannot be immediately removed.
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5. Fire Fighting Measures

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
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5.2 Special hazards arising from the substance or mixture

Special hazards	No Data Available
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5.3 Advice for firefighters

Protective equipment	Wear full protective clothing and self-contained breathing apparatus with full facepiece operated in the pressure-demand or other positive pressure mode.
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6. Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Personal precautions	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection, see section 8.
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6.2 Environmental precautions

Environmental precautions In case of large spills, dike spill to prevent runoff into sewers and drains. Recover as much of the material as possible. Prevent further leakage if safe to do so.

6.3 Methods and materials for containment and cleaning up

Methods for cleanup Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 References to other sections

Other references For disposal see section 13.

7. Handling and Storage**7.1 General hygiene considerations**

General hygiene Wash hands after use. Avoid contact with skin and eyes. Avoid inhalation of vapor or dust. In case of large quantities of vapor or mist, use local exhaust or general dilution ventilation to control exposure and dust within applicable limits. For precautions see section 2.2.

7.2 Precautions for safe handling

Safe handling precautions Keep container tightly closed in a dry and well-ventilated place.

7.3 Conditions for safe storage, including any incompatibilities

Other storage conditions Store in well-ventilated areas away from incompatible materials. If stored in containers, keep containers closed when not in use. Keep away from fluoride compounds, strong acids, and oxidizers.

8. Exposure Controls/Personal Protection**8.1 Control and exposure limits recommended by the chemical manufacturer**

OSHA standards Not available - not determined

ACGIH TLV Not available - not determined

NIOSH recommendations Not available - not determined

8.2 Appropriate engineering controls

Engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of day. Use adequate ventilation where dust forms to keep concentration under exposure control limits. Keep away from high temperatures and sources of ignition.

8.3 Individual protection measures, such as personal protective equipment

Respiratory protection Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye/face protection Safety glasses with side-shields conforming to EN166 are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand protection Handle with chemical resistant 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.

Body protection Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

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|---------------------------|---|
| a) Appearance | Angular or round multicolored particles |
| b) Odor | Odorless |
| c) Odor threshold | No data available |
| d) pH | No data available |
| e) Melting/freezing point | No data available |
| f) Boiling point | No data available |
| g) Flash point | No data available |
| h) Evaporation rate | No data available |

i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	Upper (UEL): No data available Lower (LEL): No data available
k)	Vapor pressure	No data available
l)	Vapor density	No data available
m)	Relative density	No data available
n)	Water solubility	No data available
o)	Partition coefficient octanol/water	No data available
p)	Auto-ignition temp	No data available
q)	Decomposition temp	No data available
r)	Viscosity	No data available

10. Stability and Reactivity

10.1 Reactivity

Reactivity No data available

10.2 Chemical stability

Chemical stability Stable under ordinary conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions No data available

10.4 Conditions to avoid

Conditions to avoid No data available

10.5 Incompatible materials

Incompatible materials Strong oxidizers and strong bases.

10.6 Hazardous decomposition products

Hazardous products Hazardous decomposition products formed under fire conditions. – Carbon oxides, calcium oxide, silicon oxides. In the event of fire, see section 5.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity No data available

Acute intravenous toxicity No data available

Acute dermal toxicity No data available

Acute inhalation toxicity No data available

Skin corrosion/irritation

Skin corrosion irritation No data available

Serious eye damage/eye irritation

Eye damage/eye irritation No data available

Respiratory or skin sensitization

Respiratory sensitizer No data available

Skin sensitizer No data available

Germ cell mutagenicity

Mutagenicity No data available

Carcinogenicity

Carcinogenicity May cause cancer (inhalation).

Suspected cancer agent

ACGIH Causes damage to organs (lungs, respiratory system) through prolonged or repeated exposure (inhalation)

NTP	Causes damage to organs (lungs, respiratory system) through prolonged or repeated exposure (inhalation)
OSHA	Causes damage to organs (lungs, respiratory system) through prolonged or repeated exposure (inhalation)
IARC	Causes damage to organs (lungs, respiratory system) through prolonged or repeated exposure (inhalation)
Reproductive toxicity	
Reproductive toxicity	No data available
Aspiration hazard	
Aspiration hazard	No data available

12. Ecological Information

12.1 Ecotoxicity (aquatic and terrestrial)

Ecotoxicity No data available

12.2 Persistence and degradability

Degradability No data available

12.3 Bioaccumulation potential

Bioaccumulation No data available

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment Not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

13.1 Waste treatment methods

Waste treatment disposal Disposal must be in accordance with appropriate Federal, State, and local regulations.

14. Transport Information

DOT

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

15. Regulatory Information

15.1 Safety, health, and environmental regulations specific to the product or mixture

SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components	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.
SARA 311/312 Hazards	Acute health hazard.
TSCA	All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements.
Canada DSL	All components of this product are on the Canada Domestic Substance List or are exempt from DSL requirements.
WHMIS classification	No ingredients are hazardous according to the CPR criteria.
Hazard symbols	Xi
Risk phrases	R36/38; Irritating to eyes and skin
Safety phrases	S24/25; Avoid contact with skin and eyes
	S26; In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
CA Prop. 65 components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

International lists	Australia - AICS - The materials are listed or exempted
	Canada - The materials are listed or exempted
	China - IECSC - The materials are listed or exempted
	Europe - EINECS - The materials are listed or exempted
	Japan - ENCS/ISHL - The materials are listed or exempted
	Malaysia - The materials are listed or exempted
	New Zealand - NZIoC - The materials are listed or exempted
	Philippines - PICCS - The materials are listed or exempted
	Korea - KECI - The materials are listed or exempted
	Taiwan - NECI - The materials are listed or exempted
	Turkey - The materials are listed or exempted
	United States - The materials are listed or exempted

16. Other Information

Revision Date 28 February 2018

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. 37 Building Products Mining assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, 37 Building Products Mining assumes no responsibility for injury to vendee or third persons proximately caused by use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Abbreviations and acronyms	IMDG - International Maritime Code for Dangerous Goods
	IATA - International Air Transport Association
	GHS - Globally Harmonized System of Classification and Labelling of Chemicals
	PBT - Persistent, bioaccumulative and toxic assessment
	vPvB - Very persistent and very bioaccumulative assessment
	ACGIH - American Conference of Governmental Industrial Hygienists
	NIOSH - National Institute for Occupational Safety and Health
	TLV - Threshold Limit Values
	CAS - Chemical Abstracts Service (division of the American Chemical Society)
	NFPA - National Fire Protection Association
	HMS - Hazardous Materials Identification System
	CFR - Code of Federal Regulations
	SARA - Superfund Amendments and Reauthorization Act
	DOT - US Department of Transportation
	EC50 - Half maximal effective concentration
	LD50 - Median lethal dose
	LC50 - Median lethal concentration
	SDS - Safety Data Sheet
	PEL - Permissible Exposure Limit
	TSCA - Toxic Substances Control Act