

Bourgeonal: sc-210959



The Power to Question

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name: Bourgeonal

Product Number: sc-210959

Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800

Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. Hazard Identification

Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

Asp. Tox. 1

H304 May be fatal if swallowed and enters airways.



GHS09 environment

Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2

H315 Causes skin irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Pictogram Xn; Harmful



R22-65

Harmful if swallowed. Harmful: may cause lung damage if swallowed.

Pictogram Xi; Irritant



R38

Irritating to skin.

Pictogram N; Dangerous to the environment



R51/53

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Information concerning particular hazards for human and environment:

Not applicable.

Labeling according to Regulation (EC) No 1272/2008:

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS07 GHS08 GHS09

Signal word:

Danger

Hazard statements:

H315 Causes skin irritation.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P321 Specific treatment (see on this label).
P362 Take off contaminated clothing and wash before reuse.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. Composition/ Information on Ingredients

Description: Bourgeonal
CAS No.: 18127-01-0
Molecular Weight: 190.28
Molecular Formula: C₁₃H₁₈O
EC number: 242-016-2

4. First Aid Measures**General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing.

After eye contact:

Rinse opened eye for several minutes under running water.

After ingestion:

Call for a doctor immediately.

Information for doctor:**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting Measures

Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions.

Special hazards arising from the substance or mixture

No further relevant information available.

Protective equipment:

Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases. Wear fully protective suit.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Wear protective clothing.

Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and Storage

Precautions for safe handling:

No special precautions are necessary if used correctly.

Information about fire - and explosion protection:

No special measures required.

Storage:

Store tightly sealed in a cool, dry and well ventilated location (see label for storage temperature and additional specific information).

Information about storage in one common storage facility:

Keep away from heat, sources of ignition and incompatibles such as oxidizing agents.

Further information about storage conditions:

Store under lock and key and with access restricted to technical experts or their assistants only.

Store at -20 °C.

Specific end use(s)

No further relevant information available.

8. Exposure Controls/ Personal protection

Ingredients with limit values that require monitoring at the workplace:

Not required.

Additional information:

The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work. Avoid contact with the skin.

Respiratory protection:

Not required.

Protection of hands:

Protective gloves.



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Eye protection:

Goggles recommended during refilling.

9. Physical and Chemical Properties

Form:	Oily liquid	Odor:	Strong.
Odor threshold:	Not determined	pH-value:	Not applicable.
Melting point/Melting range:	Undetermined	Boiling point/Boiling range:	110-112 °C
Flash point:	115 °C	Flammability (solid, gaseous):	Not flammable
Decomposition temperature:	Not determined	Self-igniting:	Not determined
Danger of explosion:	No explosion hazard	Explosion limits:	Not determined
Vapour pressure:	Not applicable	Density:	0.938
Relative density	Not determined	Vapor density	Not applicable
Evaporation rate	Not applicable	Solubility in Water	Not determined
Viscosity:	Not applicable	Partition coefficient:	Not determined
Other Information	No further relevant information available	(n-octanol/water)	

10. Stability and Reactivity

Chemical stability:

Stable. Avoid strong oxidizing agents.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions:

No dangerous reactions known.

Conditions to avoid:

No further relevant information available.

Incompatible materials:

No further relevant information available.

Hazardous decomposition products:

No dangerous decomposition products known.

11. Toxicological Information

Acute toxicity:

LD/LC50 values relevant for classification:

LD50 - Oral 2700 mg/kg (rat) (oral)

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

on the eye: Not determined.

Sensitization:

No sensitizing effects known.

12. Ecological Information

Toxicity

Toxic for fish

Bioaccumulative potential

no data available

PBT and vPvB assessment

no data available

Persistence and degradability

no data available

Mobility in soil

no data available

Other adverse effects

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

13. Disposal Considerations

Waste treatment methods

Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport Information

UN-Number Not applicable

UN proper shipping name Not applicable

Transport hazard class(es) Not applicable

Packing group Not applicable

Environmental hazards: Environmentally hazardous substance, liquid

Marine pollutant: No

Special precautions for user: Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

15. Regulatory Information

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. Other Information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

04/10/2014