
VALAGRO Safety Sheet
Date: February, 15 2018 Rev. 1.1
Product: Brexil Ca
Code: 12329
Print Date: February 15, 2018

SAFETY SHEET

Brexil Ca

SECTION 1: IDENTIFICATION

- 1.1. Product Identifier used on the label
Trade name: Brexil Ca
 - 1.2. Other means of identification
Trade code: 12329
 - 1.3. Recommended use of the chemical and restrictions on use:
Fertilizer
 - 1.4. Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:
Produced and packed by:
VALAGRO Spa
Via Cagliari, 1 Zona Industriale
66041 Atessa (CH) ITALY
Tel. (+39) 08728811 Fax (+39) 0872881382
www.valagro.com

Distributed and guaranteed by:
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Phone +1-786-230-1020 / +1-786-230-1019
Fax +1-786-475-9032
- Competent person responsible for the safety data sheet:
regulatory@valagro.com
- 1.5. Emergency phone number
Valagro USA Inc
Phone +1-786-230-1020 / +1-786-230-1019

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1. Classification of the chemical in accordance with paragraph (d) of §1910.1200;
The product is not classified as dangerous
- 2.2. Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200:
none
- 2.3. Hazards not otherwise classified that have been identified during the classification process:
None
- 2.4. Ingredient(s) with unknown acute toxicity:
None component with unknown acute toxicity is present in the mixture

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- Mixture:
- 3.1 Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:
none

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SECTION 4: FIRST AID MEASURES

4.1. Description of necessary measures:

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. Rinse mouth with water and if the person is conscious give water to drink . **OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.**

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms/effects, acute and delayed:

Possible symptoms that may occur:

Inhalation: may cause irritation to the respiratory tract

Symptoms: cough, shortness of breath

Ingestion:

May cause irritation of the mouth, throat and digestive tract.

Symptoms: vomiting, abdominal pain,gastrointestinal disorders

Contact with skin:

May cause irritation to the skin

Symptoms: redness, itching, pain.

Contact with eyes:

May causes eye irritation

Symptoms include pain and redness

4.3. Indication of immediate medical attention and special treatment needed:

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

Treatment:

No data available

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Suitable (and unsuitable) extinguishing media.

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces smoke containing carbon oxides, nitrogen oxides.

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5.3. Special protective equipment and precautions for fire-fighters.

Use suitable breathing apparatus, protective clothing, eye protection and gloves resistant to chemicals according to EN469

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothes giving a total skin protection, nitrile gloves and safety glasses.

See protective measures under point 7 and 8.

Ensure adequate ventilation, move people in a safe place.

Avoid dust generation

Avoid any accumulation of electrostatic charge which may create a hazardous condition and cause an ignition.

6.2. Methods and material for containment and cleaning up

Collect the product for example using shovel and broom

Avoid raising dust

Wash with plenty of water and adsorb with organic material or sand collect the product absorbed for example using shovel and broom

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Dilute with water and retain contaminated wash water and dispose in authorized facilities or pick up in clean plastic labeled containers and reuse as fertilizer.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep in the original package in a cool well-ventilated place, away from sources of heat

Keep away from food, drink and feed.

Incompatible materials:

Acids, bases, oxidizing and reducing agents.

Instructions as regards storage premises:

Adequately ventilated premises.

Avoid dust generation.

Dusts at sufficient concentrations can form explosive mixtures with air

Avoid any accumulation of electrostatic charge which may create a hazardous condition and cause an ignition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure limit values:

No data available for the mixture.

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8.2 Appropriate engineering controls.

It is recommended that the workers wear appropriate gloves, protective glasses and use a anti-powder mask

8.3. Individual protection measures, such as personal protective equipment:

Please observe the usual precautionary measures for handling of chemicals.

The personal protective equipment must be compliant to the regulation UNI –EN in force

Eye protection:

Use close fitting safety goggles according to the standard EN 166, don't use eye lens

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. nitrile, P.V.C., neoprene or rubber according to EN 374

Respiratory protection:

Use anti-powder mask with P2 (FFP2) filters according to the EN 149:2001

The powder exposition limit must be respected.

Thermal Hazards:

None Known

Environmental exposure controls:

None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown microgranules
Odour:	coffee
Odour threshold:	N.A.
pH 1% water solution at 68°F:	6.5
Melting point / freezing point:	N.A.
Initial boiling point and boiling range:	not applicable, solid
Flash point:	not applicable, solid
Evaporation rate:	not applicable, solid
Flammability (Solid/gas):	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour pressure:	not applicable, solid
Vapour density:	not applicable, solid
Apparent density:	0.5 Kg/dm ³
Solubility in water:	250 g/l at 68°F
Lipid solubility:	N.A.
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	not applicable, solid

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions of storage and use

10.2. Chemical stability

Stable under normal conditions of storage and use

10.3. Possibility of hazardous reactions

The product can release gaseous ammonia if in contact with alkaline substances such as lime

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10.4. Conditions to avoid

Avoid high temperatures

Avoid any accumulation of electrostatic charge which may create a hazardous condition and cause an ignition.

10.5. Incompatible materials

Acids, bases, oxidizing and reducing agents.

10.6. Hazardous decomposition products

In case of fire and high temperatures can develop carbon oxides, nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact);

Inhalation:

may cause irritation to the respiratory tract; high concentrations of dust in the air may cause irritation of respiratory tract.

Ingestion:

May cause irritation of the mouth, throat and digestive tract.

Contact with skin:

May cause irritation to the skin

Contact with eyes:

May cause eye irritation

11.2 Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation:

Symptoms possible: cough, shortness of breath

Ingestion:

Symptoms possible: vomiting, abdominal pain, gastrointestinal disorders.

Contact with skin:

Symptoms possible: redness, itching, pain.

Contact with eyes:

Symptoms include pain and redness

11.3 Delayed and immediate effects and also chronic effects from short- and long-term exposure;

See section 11.2

11.4 Numerical measures of toxicity (such as acute toxicity estimates).

Toxicological information for the mixture:

Symptoms related to the physical, chemical and toxicological properties:

There are no known health effects of the mixture as a whole.

In base on the components present:

Inhalation:

may cause irritation to the respiratory tract; high concentrations of dust in the air may cause irritation of respiratory tract.

Symptoms possible:

cough, shortness of breath

Ingestion:

May cause irritation of the mouth, throat and digestive tract.

Symptoms possible: vomiting, abdominal pain, gastrointestinal disorders.

Contact with the skin:

May cause irritation to the skin

Symptoms possible: redness, itching, pain.

Contact with eyes:

May cause eye irritation

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Symptoms possible include pain and redness

11.5 Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

None

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Ecotoxicity
Adopt good working practices, so that the product is not released into the environment.
- 12.2. Persistence and degradability:
No data available for the mixture;
The mixture contain Lignisulfonato ammonium that is a natural product biodegradable
- 12.3. Bioaccumulative potential
The product does not contain any bioaccumulative substances
- 12.4. Mobility in soil
The product is soluble and mobile in both terrestrial and aquatic compartments
- 12.5. Other adverse effects (such as hazardous to the ozone layer).
None known

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:
 - Product :Recover if possible. In so doing, comply with the local and national regulations currently in force.
 - Packaging: Dispose according to regulations.

SECTION 14: TRANSPORT INFORMATION

- 14.1. UN number
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name
N.A.
- 14.3. Transport hazard class(es)
N.A.
- 14.4. Packing Group
N.A.
- 14.5 Environmental hazards
IMDG-Marine pollutant: No
- 14.6. Special Precautions for User
N.A.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
N.A.

SECTION 15: REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations specific for the product in question.
Hazard Communication Standard (HCS) Haz Com 2012
OSHA, 29 CFR 1910.1200(g) and Appendix D. United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS), third revised edition, United Nations, 2009.
Hazard Communication Standard
United Nations Recommendations on the Transport of Dangerous Goods.
OSHA Permissible Exposure Limit

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[29 CFR 1926.55 Appendix A](#)

American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV)
National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limit (REL)
Chemical Abstracts Service (CAS) Registry Number

SECTION 16: OTHER INFORMATION , INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of preparation of the SDS: revision 1.1, date February, 15 2018

This document was prepared by a competent person who has received appropriate training.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

N.A. no data available

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

WGK: German Water Hazard Class.