

170858



AB Vista Feed Ingredients

Safety Data Sheet

according to 29 CFR 1910.1200(g)

Quantum Blue 40P

Print date: 10.27.2015

Page 1 of 7

1. Identification

Product identifier

Quantum Blue 40P

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Food/feedstuff additives

Details of the supplier of the safety data sheet

Company name:	AB Vista Feed Ingredients	
Street:	150 S Pine Island Rd Suite 270	
Place:	USA-33324-2669 Plantation, Florida	
Contact person:	Quality/ Regulatory Department	Telephone: +1 (954) 278 3965
e-mail:	info@abvista.com	
Internet:	www.abvista.com	

Emergency phone number: CHEMTREC 1-800-424-9300 CCN703060
+1 703-527-3887

2. Hazard(s) identification

Classification of the chemical

Hazard categories:

Respiratory or skin sensitization: Resp. Sens. 1

Hazard Statements:

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Label elements

Signal word: Danger

Pictograms:



Hazard statements

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear respiratory protection.

If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

If experiencing respiratory symptoms: Call a poison center/doctor.

Dispose of waste according to applicable legislation.

Hazards not otherwise classified

No information available.

3. Composition/information on ingredients

Mixtures

Chemical characterization

Contains:

Wheat Flour

Acid Phosphatase

Enzymatic Proteins

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

Quantum Blue 40P

Print date: 10.27.2015

Page 2 of 7

4. First-aid measures**Description of first aid measures****General information**

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Immediately remove any contaminated clothing, shoes or stockings. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Induce vomiting when the affected person is not unconscious. Medical treatment necessary.

Most important symptoms and effects, both acute and delayed

Causes skin and eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

Water spray jet. Carbon dioxide (CO₂). Foam. Dry extinguishing powder.

Unsuitable extinguishing media

High power water jet.

Specific hazards arising from the chemical

Non-flammable. Combustible solids. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Remove all sources of ignition.

Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

Quantum Blue 40P

Print date: 10.27.2015

Page 3 of 7

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Provide earthing of containers, equipment, pumps and ventilation facilities.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Store in a dry place. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations. Remove all sources of ignition.

Advice on storage compatibility

Do not store together with: Oxidising agent, strong.

8. Exposure controls/personal protection**Control parameters****Exposure limits**

CAS No.	Substance	ppm	mg/m ³	l/cc	Category	Origin
-	Flour dust (inhalable fraction)		0.5		TWA (8 h)	TLV
-	Grain dust (oat, wheat barley)	-	10		TWA (8 h)	PEL
-	Grain dust (oat, wheat, barley)	-	4		TWA (8 h)	REL
-			4		TWA (8 h)	TLV
-	Particulates not Otherwise regulated (PNOR) Total dust	1765 mp/m ³	15		TWA (8 h)	PEL

Additional advice on limit values

none

Exposure controls**Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. Avoid contact with skin, eyes and clothes.

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

Quantum Blue 40P

Print date: 10.27.2015

Page 4 of 7

Eye/face protection

Wear eye/face protection.

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Full-face mask or mouthpiece with particulate filter: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 15 times the exposure limit. P3 filter: up to a max. of

9. Physical and chemical properties**Information on basic physical and chemical properties**

Physical state: solid (Granulate)
Color: light brown
Odor: characteristic

Test method

pH-Value: not determined

Changes in the physical state

Melting point/freezing point: not determined

Initial boiling point and boiling range: not determined

Flash point: not applicable

Flammability

Solid: not determined

Gas: not applicable

Explosive properties

Danger of dust explosion.

Lower explosion limits: not determined

Upper explosion limits: not determined

Ignition temperature: not applicable

Auto-ignition temperature

Solid: not determined

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidizing.

Vapor pressure: not determined

Density: not determined

Water solubility: not determined

Solubility in other solvents

not determined

Partition coefficient: not determined

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

Quantum Blue 40P

Print date: 10.27.2015

Page 5 of 7

Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

Other information

Odour threshold: not determined

10. Stability and reactivity**Reactivity**

No hazardous reaction when handled and stored according to provisions.

Chemical stability

Stability: Stable

Possibility of hazardous reactions

Hazardous reactions: May occur

Exothermic reaction with: Oxidising agent, strong.

Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials

Oxidising agent, strong.

Hazardous decomposition productsThermal decomposition: Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).**11. Toxicological information****Information on toxicological effects****Route(s) of Entry**

oral, dermal, inhalative, Eye contact.

Acute toxicity

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Causes skin and eye irritation.

Sensitizing effects

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Carcinogenicity (NTP): none

Carcinogenicity (IARC): none

Carcinogenicity (OSHA): none

Aspiration hazard

Based on available data, the classification criteria are not met.

Practical experience

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

Quantum Blue 40P

Print date: 10.27.2015

Page 6 of 7

Other observations

May cause respiratory irritation.

12. Ecological information**Ecotoxicity**

The product has not been tested.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects

No information available.

Further information

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

13. Disposal considerations**Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

14. Transport information**US DOT 49 CFR 172.101****Proper shipping name:**

Not a hazardous material with respect to these transport regulations.

Marine transport (IMDG)**UN number:**

No dangerous good in sense of this transport regulation.

UN proper shipping name:

No dangerous good in sense of this transport regulation.

Transport hazard class(es):

No dangerous good in sense of this transport regulation.

Packing group:

No dangerous good in sense of this transport regulation.

Air transport (ICAO)**UN number:**

No dangerous good in sense of this transport regulation.

UN proper shipping name:

No dangerous good in sense of this transport regulation.

Transport hazard class(es):

No dangerous good in sense of this transport regulation.

Packing group:

No dangerous good in sense of this transport regulation.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

Quantum Blue 40P

Print date: 10.27.2015

Page 7 of 7

15. Regulatory information**U.S. Regulations****State Regulations****Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Health: 2
Flammability: 1
Physical Hazard: 1

NFPA Hazard Ratings

Health: 2
Flammability: 1
Reactivity: 1
Unique Hazard:

Revision date: 27.10.2015

Revision No: 1,0

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Other data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

