

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**Vitamin Premix CH29875,25 kg AO****UF29875368**

Version 1.0

Revision Date 25.06.2014

Print Date 25.06.2014

1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name : Vitamin Premix CH29875,25 kg AO

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

Use of the Substance/Mixture : Additive for human nutrition to be used for the fortification and/or colouration and/or stabilisation of foods and dietary supplements

1.3 Details of the supplier of the safety data sheetCompany : DSM Nutritional Products France S.A.
Boulevard d'Alsace 1
FR-68128 Village Neuf
Telephone : +33389696900
Telefax : +33389696625
E-mail address : sds.nutritionalproducts@dsm.com
Responsible/issuing person**1.4 Emergency telephone number**

+33 389 69 69 00

2. Hazards identification**2.1 Classification of the substance or mixture****Classification (67/548/EEC, 1999/45/EC)**

Not a hazardous substance or mixture.

2.2 Label elements**Labelling according to EC Directives (1999/45/EC)**

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

Risk of dust explosion.

3. Composition/information on ingredients

Brief description of the product : Mixture

3.2 Mixtures

Remarks : No hazardous ingredients

4. First aid measures**4.1 Description of first aid measures**

General advice : No hazards which require special first aid measures.

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- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.

5. Firefighting measures**5.1 Extinguishing media**

- Suitable extinguishing media : Water
Foam

5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : None known.

5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Consider dust explosion hazard.

6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Use personal protective equipment.
Avoid dust formation.

6.2 Environmental precautions

- Try to prevent the material from entering drains or water courses.

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6.3 Methods and materials for containment and cleaning up

Sweep up and shovel.

6.4 Reference to other sections

For personal protection see section 8.
 For disposal considerations see section 13.

7. Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling : For personal protection see section 8.

Advice on protection against fire and explosion : Avoid dust formation.
 Provide appropriate exhaust ventilation at places where dust is formed.
 Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed and dry.

Advice on common storage : No special restrictions on storage with other products.

7.3 Specific end use(s)

Specific use(s) : not applicable

8. Exposure controls/personal protection**8.1 Control parameters**

Components	CAS-No.	Value (Form of exposure)	Control parameters	Update	Basis
calcium pantothenate , D-form	137-08-6	TWA	10 mg/m ³		DSM Internal Limit
pyridoxine hydrochloride	58-56-0	TWA	2 mg/m ³		DSM Internal Limit
thiamine nitrate	532-43-4	TWA	3 mg/m ³		DSM Internal Limit

8.2 Exposure controls**Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.
 In case of high dust concentration use a dust mask applicable to local conditions.

Hand protection : for example nitrile rubber

Eye protection : Safety glasses

Skin and body protection : Lightweight protective clothing

Hygiene measures : General industrial hygiene practice.

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

Appearance	: powder
Odour	: No information available.
Odour Threshold	: No information available.
pH	: No data available
Melting point/range	: not determined
Boiling point/boiling range	: not determined
Flash point	: not applicable
Flammability (solid, gas)	: Not classified as flammable as defined by the transport regulations.
Vapour pressure	: not applicable
Relative vapour density	: not applicable
Density	: not determined
Water solubility	: not determined
Partition coefficient: n-octanol/water	: not applicable
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2 Other information

No data available

10. Stability and reactivity**10.1 Reactivity**

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Dust may form explosive mixture in air.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materialsStrong acids and strong bases
Strong oxidizing agents**10.6 Hazardous decomposition products**

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No decomposition if used as directed.

11. Toxicological information**11.1 Information on toxicological effects**

- Skin corrosion/irritation : Prolonged skin contact may cause skin irritation.
- Serious eye damage/eye irritation : Dust contact with the eyes can lead to mechanical irritation.
- Respiratory or skin sensitisation : No data available
- Genotoxicity in vitro : No data available
- Carcinogenicity : This information is not available.
- Reproductive toxicity : This information is not available.
- STOT - repeated exposure : This information is not available.

12. Ecological information**12.1 Toxicity**

No data is available on the product itself.

12.2 Persistence and degradability

Biodegradability : No data available

12.3 Bioaccumulative potential

Bioaccumulation : No data available
Partition coefficient: n-octanol/water : not applicable

12.4 Mobility in soil

Distribution among environmental compartments : No data available

12.5 Results of PBT and vPvB assessment

Assessment : not determined

12.6 Other adverse effects

Additional ecological information : There is no data available for this product.

13. Disposal considerations**13.1 Waste treatment methods**

Product : Offer surplus and non-recyclable solutions to a licensed disposal company.

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Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information**14.1 UN number****ADR**

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.2 Proper shipping name**ADR**

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.3 Transport hazard class**ADR**

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.4 Packing group**ADR**

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.5 Environmental hazards**ADR**

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

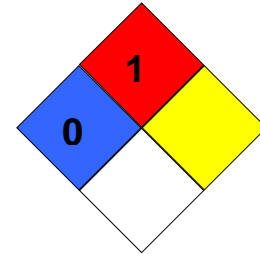
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

15. Regulatory information

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

NFPA Classification : Health hazard: 0
Fire Hazard: 1



15.2 Chemical Safety Assessment

not applicable

16. Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Abbreviations: 67/548/EEC= Dangerous Substances Directive. 1999/45/EC= Dangerous Preparations Directive. Regulation (EC) No. 1272/2008= Regulation on classification, labelling and packaging of substances and mixtures. DNEL= Derived No-Effect Level. PNEC= Predicted No-Effect Concentration. NFPA= National Fire Protection Association (USA). IATA= International Air Transport Association. IMDG= International Maritime Dangerous Goods. RID= International Rule for Transport of Dangerous Substances by Railway; ADR= European Agreement concerning the International Carriage of Dangerous Goods by Road. TWA= Time Weighted Average. STEL= Short term exposure limit. WEL = Workplace Exposure Limit.