



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Commercial product name:	PROMIL WPC 80 HG
Intended use of the mixture:	Food applications
Company/Undertaking identification:	Alinda - Velco S.A. Thesi Petreza, 19004, Spata, Attica, Greece
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Cas No.	Composition
Protein	Not available	Min 76,0%
Lactose	63-42-3	Typical 7,0%
Ash	Not available	Max 6,0%
Moisture	7732-18-5	Max 6,0%
Fat	Not available	Max 8,0%

3. HAZARDS IDENTIFICATION

Classification and labeling according to regulation (EC) No. 1272/2008

No need for classification.

Further Information

Risk of dust explosion

Classification system

The classification was made according to the latest editions of the EU-lists and extended by company and literature data.

4. FIRST AID MEASURES

Product in eye:

Low risk. Rinse with gently flowing clean water for a minimum of 5 min. If eye irritation occurs, seek medical attention.

Product on skin:

Very low risk. Wipe away excess, wash skin with clean water.

Product inhaled:

Low risk. Keep inhalation to a minimum.

If large quantities are involved remove to fresh air. If breathing problems occur, seek medical attention.

Product swallowed:

No risk. This is an edible product and is manufactured and packaged in compliance with strict requirements.



5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

No restriction

Special risks:

Any fine powder is susceptible to fire risk. Keep away from all direct sources of combustion.
PROMIL WPC 80 HG dust is potentially explosive if present at sufficiently high concentrations.

Special hazards arising from the substance or mixture:

Toxic gases can be released in case of fire

Advice for fire fighters:

Use self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Use suitable protective equipment. Avoid breathing dust.
- Environmental precautions
- Prevent product from getting into drains, groundwater, surface water
- Methods and materials for containment and cleaning up
- Do not smoke. Pick up mechanically. Avoid dust formation. Ensure adequate ventilation.
Disposal of large quantities should be according to Federal, State and Local Authority Regulations.

7. HANDLING AND STORAGE

Handling:

Avoid moisture and / or dust formation, keep packaging intact, work using a suitable ventilation system.
Take precautions against electrostatic charging.

Safe Storage:

Storage and transport under ambient conditions.
Ensure no direct contact with moisture prior to use, avoid highly humid environments. Ensure product is never stored nor transported in containers or environments with hazardous, chemically dangerous or poisonous goods.

Storage Class:

10 - 13

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace:

No ingredients with limit values.

Personal protective equipment:

Respiratory protection:

Half mask with a particle filter (EN 143)

Eye protection:

Not required

Hand protection:

Not required



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Industrial hygiene:	Wash hands after handling substance, change contaminated protective clothing.
Note:	As with any powdered product sensible minimum precautions should be taken to prevent the formation of dust clouds and direct contact with the eyes, mucous membranes or broken skin areas if an individual is to be exposed for long periods of time. When handling this product with little ventilation, consideration should be given to wearing light grade safety goggles and a light grade nose-mouth filter mask. Generally, respiratory protection is not required.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Form:	Dry powder
Colour:	White / Creamy
Odour:	Bland / Typical
Ignition temperature:	460°C
Explosion limit (lower):	45 g/m ³ (in air)
Solubility in water:	Soluble
Bulk Density:	0.4 - 0.5 g/ml
10. STABILITY AND REACTIVITY	
Reactivity:	No data available
Chemical stability:	The product is chemically stable under standard ambient conditions.
Possibility of hazardous reactions:	Risk of dust explosion
Conditions to be avoided:	None known
Substances to be avoided:	None known
Hazardous decomposition products:	None known, but as a precaution, breathing apparatus should be worn.
11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	
Lactose Cas No:	63-42-3 LD50 > 10gr / kg (oral / rat)
Product information	
LC50/inhalation/rat:	No information available
LC50/Inhalation/mouse:	No information available
LD50/dermal/rabbit:	No information available
LD50/dermal/rat:	No information available
LD50/oral/mouse:	No information available
12. ECOLOGICAL INFORMATION	
No ecological problems are to be expected when the product is handled and used with due care and attention.	
Persistence and degradability:	No data available



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13. DISPOSAL CONSIDERATIONS

Product:

There are no uniform EC regulations for the disposal of chemicals or residues.
Pay attention to local and national official regulations.

Packaging:

Disposal should be in compliance with official regulations.
It is not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. TRANSPORT INFORMATION

No subject to any transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives:

Symbol:

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Name:

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R-phrases:

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

The information contained herein is based on the present state of our knowledge.
It characterizes the product with regards to the appropriate safety precautions.
It does not represent a guarantee of the properties of the product.

These statements were made by:

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