

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Version 2.1 Revision Date 08.03.2016

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

1.1 Product identifiers

Product Name : **Petals-Green 105D04**

Brand : PELLETS

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

Identified uses : Laboratory chemicals, Manufacture of substances

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements

No labeling applicable.

2.3 Other hazards

No additional information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Not applicable

3.2 Mixtures:

This material is defined as a mixture.

INCI Name	CAS Number	EINECS	Percentage
Aqua	7732-18-5	231-791-2	80-90%
Butylene glycol	107-88-0	203-529-7	2-10%
Phthalocyanine blue CI 74160	147-14-8	205-685-1	0.3-0.5%
Pigment Yellow 3 CI 11710	6486-23-3	229-355-1	0.5-0.7%
Titanium Dioxide (CI 77891)	13463-67-7	236-675-5	0.2-0.5%
Calcium Alginate	9005-35-0	---	0.5-1%
Gellan Gum	71010-52-1	275-117-5	0.5-1%
Agar	9002-18-0	232-658-1	0.5-1%
Phenoxyethanol	122-99-6	204-589-7	0.5-0.7%
Caprylyl glycol	1117-86-8	214-254-7	0.25-0.5%

1,2-Hexanediol

6920-22-5

230-029-6

0.25-0.5%

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash affected area with water

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, dry powder or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Water

5.3 Advice for firefighters

Full protective equipment are recommended for firefighters.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing dust.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use with local ventilation. Use Mask and glass to avoid contact with eyes and inhalation. Keep container tightly closed. Avoid ingestion and inhalation.

7.2 Conditions for safe storage, including any incompatibilities

Product shouldn't be frozen. Keep the packing dry and well-sealed between 5°C-40°C and away from direct sunshine.

7.3 Specific end uses

No data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Hand protection:

Wear protective gloves.

8.2 Eye protection:

Wear safety goggles.

8.3 Respiratory protection:

None

8.4 General protection:

Apply general industrial hygiene measures.

8.5 Environmental exposure controls:

Avoid release to the environment.

8.6 Other information:

When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical form: Aqueous petals or match the standard sample

Color: Green

Odor: Characteristic odor, or match the standard

Taste: Distinct taste

PH: 5.0-8.0

Boiling point: No data available

Melting point: No data available

Size: 9-15mm

Solvent solubility: Not dissolve

Water solubility: soluble in hot water

9.2 Other safety information

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

Avoid dust generation, high temperatures and sources of ignition

10.2 Chemical stability

Stable at normal temperature and pressure

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

No data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity (oral): No data available

Acute toxicity (inhalation): No data available

Acute toxicity (dermal): No data available

Irritation/Corrosion of the skin: No data available

Serious Eye damage/eye irritation: No data available

Respiratory/Skin sensitization: No data available

11.2 CMR assessment

Carcinogenicity: No data available

Mutagenicity: No data available

Teratogenicity: No data available

Toxicity to reproduction: No data available

Specific Target Organ Toxicity: No data available

Repeated exposure: No data available

Aspiration hazard: No data available

Other information: No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Dispose in a safe place in accordance with local/national regulations.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

15.2 Chemical Safety Assessment

No data available

15.3 Specific Hazard

Water Hazard Class: NWG (Non-Hazardous to water)

16. OTHER INFORMATION

The data contained in this MSDS may have been gathered from confidential internal sources, raw material suppliers, or from the published literature. And it affiliates, believes to be dependable and to our knowledge and belief is accurate. However, our products and its affiliates cannot make any warranty or representation respecting the accuracy or completeness of the data. We assume no responsibility for any liability or damages relating thereto, or for advising you regarding the protection of your employees, customers, or others. You should make your own tests to determine the applicability of such information to or the suitability of any products for your specific use.