

**SECTION.1. IDENTIFICATION OF THE SUBSTANCE/
PREPARATION AND OF THE COMPANY/UNDERTAKING**
1.1. Product identifier:

- a. Product description: Gel in linseed oil
- b. Label print name: Bento-01
- c. Chemical Family: linseed oil

1.2. Relevant identified uses of the substance or mixture and uses advised against: Additive in linseed oil for improving water resistant property and UV protection

1.3. Details of the supplier of the safety data sheet:

- a. company name: Nanoformula LTD;
- b. street: Narva mnt.4;
- c. place: Voka, 41701, Estonia;
- d. company e-mail for SDS: nfo@nanoformula.eu;

1.4. emergency telephone number: 112
SECTION.2. HAZARDS IDENTIFICATION
2.1. Classification of the substance or mixture:

- a. not classified as dangerous substance or mixture
- b. not need notice phrase

2.2. Label elements:

- a. not need pictogram;
- b. Other hazards

2.3. No other hazards.
**SECTION.3. COMPOSITION/INFORMATION ON
INGREDIENTS**
3.1. Substances:
3.2. Mixtures

Name	CAS No.	EINECS No.	Content, %	Classification
				REGULATION (EC) No 1272/2008
Doesn't content dangerous components				

SECTION.4. FIRST AID MEASURES
4.1. Description of first aid measures:

- a. Eye contact: Rinse immediately with plenty of water, holding the eyelids open;
- b. Skin contact: No harmful effect is detected during usual application. Take off affected clothes;
- c. Inhalation: No harmful effect is detected during usual application. Go to fresh air;
- d. Ingestion: May queasy, celialgia. Rinse mouth with water. Drink much water. No retch.

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

- a. Eye contact: Can cause an allergic reaction
- b. Skin, inhalation and Ingestion contact: Can cause an allergic reaction

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

- a. Eye contact: Seek medical advice if effects persist;
- b. Skin contact: If skin allergic persists, consult a specialist;
- c. Inhalation: Consult with specialist if necessary;
- d. Ingestion: Seek medical advice if effects persist.

SECTION.5. FIREFIGHTING MEASURES
5.1. Extinguishing media:

- a. Foam, dry chemical or carbon dioxide. Never

use water.

a. when contact with clothing can be spots

5.2. Special hazards arising from the substance or mixture:

SECTION.8. EXPOSURE CONTROLS/PERSONAL PROTECTION

5.3. Burning may release oxides of carbon and other hazardous gases or vapors. - including acrolein vapor.

8.1. Control parameters: not determined.

5.4. Advice for firefighters: fire fighters should wear self-contained breathing apparatus. No special measures required. Vessels and containers with product near an open fire must be enough cooled by flush on safe distance.

8.2. Exposure controls:

a. precautions in working area: wash hands before drink, eat, toilet. If necessary use the personal protection equipment;

b. respiratory protection: presence sufficient ventilation;

SECTION.6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions:

c. hand protection: Use gloves if necessary;

a. No need during usual application.

d. eye protection: Avoid contacting with eyes.

b. Environmental precautions:

e. environmental exposure controls: take care to avoid the contamination of watercourses and drains and inform the appropriate authority in case of accidental contamination of watercourses.

6.2. Use appropriate container to avoid environmental contamination. Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION.9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

6.3. Methods for cleaning up: for cleanup use inert adsorbent for example wood sawdust. Leakage or spillage with sawdust collect and utilize according to local regulations. Any material used for removed leaks can ignite spontaneously. Keep this material under water or in closed metal container.

Appearance	Gel(under 20 0C, brownish color) with natural odor
Vapor pressure, kPa (20 0C), max	1
Boiling point, °C, min	250
Melting point, °C, max	0
Relative density, g/cm ³	0,960-0,990
Viscosity, cSt	70-100
Flash point, °C	100
Auto-ignition point, °C	300
Solubility	Alcohols, hexane

6.4. Reference to other sections: spilled product makes slippery surface.

9.2. Other information: unknown.

SECTION.7. HANDLING AND STORAGE

7.1. Precautions for safe handling:

SECTION.10. STABILITY AND REACTIVITY

7.2. Use closed vessels. General ventilation is recommended.

7.3. Conditions for safe storage, including any incompatibilities:

10.1. Reactivity: the product is stable under normal conditions of storage, handling and use.

7.4. Storage in closed vessels, containers or drums under temperature under 30 centigrade degrees. The fine-dispersed sprays inclination to burn when contact with air. Storage in well ventilation space. Avoid the solar heating

10.2. Chemical stability: the product is stable under normal conditions of storage, handling and use.

10.3. Possibility of hazardous reactions: no possibility of hazardous reactions.

7.5. Specific end use(s):

10.4. Conditions to avoid: Heating more 250°C. If absorbent or clothes absorbs products necessary storage

them in fire safe place (may be combustion) . The spikes also may be reason of a combustion. When product contact with oxidant may be created explosive matter.

10.5. Incompatible materials: no Incompatible materials

10.6. Hazardous decomposition products: when contact with avoid materials it may release: hydrogen, organic acids and silica dioxide in small quantity.

SECTION.11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects: LD 50 (oral/rat)> 4790 mg / kg

SECTION.12. ECOLOGICAL INFORMATION

12.1. Toxicity: LD 50/96 h/fish = 198 mg/l.

12.2. Bacteria: EC10 (*Pseudomonas putida*); 9000mg/l. Long-lasting health hazard: In normal use, the health hazards arise.

12.3. Persistence and degradability: easy biodegraded.

12.4. Bioaccumulative potential: No data available.

12.5. Mobility in soil: no data available.

12.6. Results of PBT and vPvB assessment: this product is not identified as a PBT substance.

12.7. Other adverse effects: unknown information

SECTION.13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods: In accordance with local and national regulations.

SECTION.14. TRANSPORT INFORMATION

14.1. UN number: non-hazardous.

14.2. UN proper shipping name: non-hazardous.

14.3. Transport hazard class(es): non-hazardous.

14.4. Packing group: non-hazardous.

14.5. Environmental hazards: non-hazardous.

14.6. Special precautions for user: see section 7.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: see section 7.

14.8. Railway (RID), Surface transport (ADR), Sea (IMDG), Air (OACI) transport: non-hazardous

SECTION.15. REGULATORY INFORMATION

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

a. Regulation (EC) No 1907/2006 – REACH of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency

b. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

c. COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

d. EV Kemikaaliseadus ja nende alusel kehtestatud määrused.

e. EV Jäätmeseadus ja nende alusel kehtestatud määrused

15.2. Chemical safety assessment:

a. Chemical safety assessment is prepare according to COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010

SECTION.16. OTHER INFORMATION

16.1. Further information: user's manual presents in label and producer's site

16.2. Additional information: the information provided in this Safety Data Sheet is result of careful testing and knowledge of NANOFORMULA LTD.

16.3. This information helps provide safe work and belief at the date of its publication. The given information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

16.4. We hope that this document will be useful and will be appreciate if receive additional information about safe work with it.