Importers and dealers of
- Natural and Organic Oils
- Essential Oils
- Natural Powders
- Clays, etc
- Agro Products
- General Contracts

SAFETY DATA SHEET

Section 1. Identification

1.1 Product identifier

Product trade name : SEPIMAX ZEN

Product code : 37043 P

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

Material uses : Thickening agent. Manufacture of cosmetics. Stabilizer for cosmetic active ingredients.

1.3 Details of the supplier of the safety data sheet

Supplier : SOPHIX NATURAL AGRO & PRODUCTS LTD.
5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu Berger, Lagos.
Tel +234 706 1111 838

e-mail address of person : sophixnatural@gmail.com

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mono-constituent substance

Classification according to UK CLP/GHS Not classified.

The product is not classified as hazardous according to UK CLP Regulation SI 2019/720 as amended. See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Supplemental label elements : Not applicable.

2.3 Other hazards

PBT	P	B	T	vPvB	vP	vB
No	No	N/A	No	No	No	N/A

Product meets the criteria : for PBT or vPvB according to Regulation (EC) No. 1907/2006 , Annex XIII

Section 2. Hazards identification

Other hazards which do result in classification : May form explosible dust-air mixture if dispersed. **not**

ADDITIONAL INFORMATION

Storage : Store under cover. Store in tightly-closed container. Keep container dry.

Section 3. Composition/information on ingredients

The information presented in this section does not serve as specifications.

3.1 Substances : Mono-constituent substance
Product description : Synthetic copolymer
INCI Name: : POLYACRYLATE CROSSPOLYMER-6

Product/ingredient name	Identifiers	%	Classification	Type
Polyacrylate crosspolymer-6 2-methylpropan-2-ol	Proprietary REACH #: 01-2119444321-51 EC: 200-889-7 Index: 603-005-00-1	>92 <4	Not classified. Flam. Liq. 2, H225 Acute Tox. 4, H332 Eye Irrit. 2, H319 STOT SE 3, H335 **See Section 16 for the full text of the H statements declared above.**	[1] [2]

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type

[1] Constituent [2] Impurity

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

4.1 Description of first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. **Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

Inhalation : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:

irritation
redness

Section 4. First aid measures

Inhalation : Adverse symptoms may include the following:
respiratory tract irritation coughing
No specific data.

Skin contact : No specific data.

Ingestion :

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed.
The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments : No specific treatment.

Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use dry chemical powder.

Unsuitable extinguishing media : Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : May form explosible dust-air mixture if dispersed.

Hazardous combustion products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides sulfur
oxides

5.3 Advice for firefighters

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to British standard BS EN 469 will provide a basic level of protection for chemical incidents.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

Small spill : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

Section 6. Accidental release measures

Large spill

Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Typical static discharges precautions : Low ignition sensitivity. Ensure that the equipment is adequately grounded.

7.2 Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Store under cover. Store in tightly-closed container. Keep container dry.

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Not available.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
2-methylpropan-2-ol	**EH40/2005 WELs (United Kingdom (UK), 1/2020)** STEL 15 minutes: 462 mg/m³. STEL 15 minutes: 150 ppm. TWA 8 hours: 308 mg/m³. TWA 8 hours: 100 ppm.

Biological exposure indices No exposure indices known.

Section 8. Exposure controls/personal protection

Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: British Standard BS EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) British Standard BS EN 14042 (Workplace atmospheres Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) British Standard BS EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Result
2-methylpropan-2-ol	**DNEL - Workers - Long term - Inhalation** 2 ,7 mg/m³ Effects : Systemic **DNEL - Workers - Short term - Inhalation** 214 mg/m³ Effects : Systemic **DNEL - General population - Long term - Oral** 0 ,3 mg/kg bw/day Effects : Systemic **DNEL - General population - Long term - Inhalation** 0 ,5 mg/m³ Effects : Systemic **DNEL - General population - Long term - Dermal** 2 ,7 mg/kg bw/day Effects : Systemic **DNEL - Workers - Long term - Inhalation** 2 ,7 mg/m³ Effects : Systemic **DNEL - Workers - Long term - Dermal** 5 ,5 mg/kg bw/day Effects : Systemic **DNEL - General population - Short term - Inhalation** 159,8 mg/m³ Effects : Systemic **DNEL - Workers - Short term - Inhalation** 214 mg/m³ Effects : Systemic

PNECs

Product/ingredient name	Result
2-methylpropan-2-ol	**Fresh water - Assessment Factors** 6 ,64 mg/l **Marine water - Assessment Factors** 0 ,664 mg/l **Sediment - Assessment Factors** 5 ,8 mg/kg dwt **Sewage Treatment Plant - Assessment Factors** 690 mg/l

8.2 Exposure controls

Section 8. Exposure controls/personal protection

Appropriate engineering controls : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Recommended : fluor rubber, nitrile rubber.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: Ensure an MSHA/NIOSH-approved respirator or equivalent is used. (APF 10).

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated. The information presented in this section does not serve as specifications.

9.1 Information on basic physical and chemical properties

Appearance

Physical state	:	Solid. [Powder.]
Colour	:	White to slightly coloured.
Odour	:	Not available.
Melting point/freezing point	:	Technically not possible to measure
Initial boiling point and boiling range	:	Not available.
Flammability	:	
Flash point	:	Not available.
pH	:	Not applicable.
Solubility in water	:	3 to 6 [Conc. (% w/w): 2%]

Distribution	Size
d(n)10	60 nm
d(n)50	168 nm
d(n)90	480 nm

>2 g/l

Partition coefficient: n-octanol/ water : Not applicable.

Vapour pressure : Not available.

Section 9. Physical and chemical properties and safety characteristics

Relative density : 0 ,23 [not tapped]

Density : Not available.

Particle characteristics

Median particle size : 168 nm

Size distribution :

Scanning Electron Microscope (SEM) with counting

Additional information : The product is not considered as nanomaterial according to the European Commission's Recommendation on the definition of nanomaterial (2022/C 229/01).

Dusts physical data

Minimum ignition energy (mJ) : 200 to 300

Explosion severity (Kst) : 194 bar.m/s

Explosion class : ST 1

Section 10. Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

Conditions of instability : Avoid increased storage temperature. Keep away from oxidizing agents.

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.

10.5 Incompatible materials : Reactive or incompatible with the following materials: oxidising materials

10.6 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result
2-methylpropan-2-ol	**Rat - Oral - LD50** 2733 mg/kg Toxic effects: Behavioral - Ataxia Lung, Thorax, or Respiration - Respiratory depression **Rat - Inhalation - LC50 Gas.** 14100 ppm [4 hours] Toxic effects: Behavioral - Ataxia Lung, Thorax, or Respiration Respiratory depression

Conclusion/Summary [Product] : Not classified as dangerous. (By analogy.)

Section 11. Toxicological information

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Polyacrylate crosspolymer-6 2-methylpropan-2-ol	140153,8 2733	N/A N/A	N/A 14100	N/A N/A	N/A N/A

Skin corrosion/irritation

Conclusion/Summary [Product] : Non-irritating to the skin.

Serious eye damage/eye irritation

Conclusion/Summary [Product] : Not classified.

Respiratory corrosion/irritation

Conclusion/Summary [Product] : Not available.

Respiratory or skin sensitization

Skin

Conclusion/Summary [Product] : Non-sensitiser to skin. (By analogy.)

Respiratory

Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity

Product/ingredient name	Result
Polyacrylate crosspolymer-6	**In vivo - Bacteria** OCDE 471 Result : Negative **Conclusion/Summary**

[Product] : No mutagenic effect.

Carcinogenicity

Conclusion/Summary [Product] : Not available.

Reproductive toxicity

Conclusion/Summary [Product] : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Result
2-methylpropan-2-ol	STOT SE 3, H335 (Respiratory tract irritation) **Conclusion/Summary :** Not available.

Specific target organ toxicity (repeated exposure) Conclusion/Summary :

Not available.

Aspiration hazard Not available.

Information on likely routes of exposure Not available.

Potential acute health effects

Eye contact : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

Inhalation : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

Section 11. Toxicological information

Skin contact : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
irritation redness

Inhalation : Adverse symptoms may include the following:
respiratory tract irritation coughing

Skin contact : No specific data. :

Ingestion No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure Potential chronic health effects

Conclusion/Summary [Product] : Not available.

General : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity: No known significant effects or critical hazards.

Section 12. Ecological information

12.1 Toxicity

Product/ingredient name	Result
Polyacrylate crosspolymer-6	**Acute - EC50 - Fresh water** OCDE 201 Algae >100 mg/l [72 hours]
2-methylpropan-2-ol	**Acute - LC50 - Fresh water** Fish - Fathead minnow - *Pimephales promelas* Age: 32 days; Size: 20 mm; Weight : 0,114 g 6410 mg/l [96 hours] Effect : Mortality
	Acute - EC50 - Fresh water Daphnia - Water flea - *Daphnia magna* Age : 6 to 24 hours 5504 mg/l [48 hours] Effect : Intoxication

Conclusion/Summary [Product] : Not classified as dangerous

12.2 Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Polyacrylate crosspolymer-6	-	-	Inherent

Conclusion/Summary [Product] : The copolymer is inherently ultimate biodegradable.

12.3 Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
2-methylpropan-2-ol	0,317	5,01	Low

12.4 Mobility in soil

Soil/water partition : Not available. **coefficient**

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

Section 12. Ecological information

12.6 Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

13.1 Waste treatment methods **Product**

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	
14.3 Transport hazard class(es)	-	-	-	
14.4 Packing group	-	-	-	
14.5 Environmental hazards	No.	No.	No.	No.

14.6 Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

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

UK (GB)/REACH

Annex XIV - List of substances subject to authorisation Annex XIV

None of the components are listed.

Substances of very high concern

Section 15. Regulatory information

None of the components are listed.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC) Not listed.

Persistent Organic Pollutants Not listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles No listed substance

Seveso Directive

This product is not controlled under the Seveso Directive. **EU regulations**

Industrial emissions (integrated pollution prevention and control) Air : Not listed

Industrial emissions (integrated pollution prevention and control) Water : Not listed

15.2 Chemical safety assessment : Not applicable.

Section 16. Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms : ATE = Acute Toxicity Estimate
GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = GB CLP-specific Hazard statement
N/A = Not available
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number SGG = Segregation Group
vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification Not classified.

Full text of abbreviated H statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

Full text of classifications

Acute Tox. 4	ACUTE TOXICITY - Category 4
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

History

Section 16. Other information

Date of issue/ Date of revision : 13/10/2025

Date of previous issue : 03/07/2024

Version : 2.01

Notice to reader

The information contained in this document is provided as a guideline; it is based on the extent of SEPPIC's knowledge regarding the product on the date indicated above. It applies to the product as is, in conformity with the specifications provided by SEPPIC*.
Should the product undergo chemical transformation or be combined or mixed with other substances, it is the sole responsibility of the user to ensure that no new danger appear. Given that the use of this information is beyond the control of SEPPIC*, SEPPIC* provides no warranty, whether express or implied, and assumes no responsibility, regarding the use of this information and of the user's product.
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