

ZKO-00115 soap granulate translucent

Date Issue : 5 augustus 2014

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF SUPPLIER

Product name:

Translucent Soap Noodles

Recommended uses:

Toilet Soap base

Supplier name:

Gildewerk B.V.

A. Hofmanweg 41, 2031 BH Haarlem, The Netherlands

Tel. +31 - (0)23 - 532 22 55

Fax +31 - (0)23 - 534 09 65

E-mail holland@gildewerk.com

www.gildewerk.com

SECTION 2. HAZARDS IDENTIFICATION

Product is non-hazardous.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

General chemical description:

Sodium soap. General formula: $C_nH_{2n+1}COONa$

Chemical Name	CAS-number	EINECS- number
Sodium Palmate	61790-79-2	263-162-3
Sodium Palm Kernelate	61789-89-7	263-097-0
Water	7732-18-5	231-791-2
Sodium Chloride	7647-14-5	231-598-3
Glycerine	56-81-5	200-289-5
Sorbitol	50-70-4	200-061-5
Tetrasodium Etidronate (HEDP)	3794-83-0	223-267-7
Tetrasodium EDTA	64-02-8	200-573-9

SECTION 4. FIRST-AID MEASURES

When inhaled:

Move exposed person to fresh air.

When in contact with skin:

Remove patient to uncontaminated area. Remove contaminated clothing and rinse skin with water.

When in contact with eyes:

Remove contact lenses, if any rinse eyes with water until irritation subsides.

When ingested:

Drink milk/water and seek medical attention if necessary.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable fire-fighting agents:

Normal Class A fire extinguisher, dry powder, carbon dioxide, foam or water.

Extinguishing media which must not be used for safety reasons:

None

Specific hazards in the event of fire:

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Avoid from strong oxidising agent.

Protection of fire-fighters (use of protective equipment, etc.):

Wear safety goggles and other Personal Protective Equipment.

SECTION 6. ACCIDENT RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear safety goggles and other Personal Protective Equipment.

Environmental precautions:

Do not allow to flow into drainage system.

Methods and materials for containment and cleaning up:

Shovel up and rinse area with water. Dispose off in accordance with local, state and federal regulation.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Avoid contact with eyes. Wear goggles when handling.

Conditions for safe storage, including any incompatibilities:

Keep in a cool and dry place, avoid extreme heat and cold.

Avoid contact with strong oxidising agents.

Exposure to ultraviolet light and sunlight must be minimised to prevent quality loss.

Shelf life Conditions:

The shelf life of soap noodles is one year after the manufacturing date with recommended storage condition at $25 \pm 5^\circ\text{C}$ and relative humidity of $70 \pm 10\%$.

Moisture content of soap noodles is subjected to change during storage. It is always recommended to reconfirm moisture content prior to use.

SECTION 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Control parameters:

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None

Appropriate engineering controls:
No special engineering requirements.

Individual protection measures, such as personal protective equipment (PPE):
Wear safety goggles.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Translucent pellets
Odour	Mild fatty odour
Odour threshold	Not available
pH (10% soap solution)	8 – 10.5
Melting point / freezing point	Above 150 °C
Initial boiling point and boiling range	Above 300 °C
Flash point	Approximate 300 °C
Evaporation rate	Less than 1 (Ether =1)
Upper/lower flammability or Explosive limits	Not applicable
Vapour pressure	Approximate 1mm Hg at 25°C
Vapour density	More than 1 (air=1)
Relative density	Not available
Solubility	Miscible with water (20°C)
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Specific gravity (at temperature 4°C, pressure 1 atm)	Slightly more than 1.0
Relative molecular mass	278.41
Bulk density	Approximate 600 kg/m ³

SECTION 10. STABILITY AND REACTIVITY

Reactivity:
Not know

Chemical stability:

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Not know

Possibility of hazardous reactions:

Not know

Conditions to avoid:

Avoid contact with strong oxidising agents.

Incompatible materials:

Not know

Hazardous decomposition products:

Not applicable

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Sodium Palmitate: LD₅₀ (oral, rat) > 10000mg/kg

Skin corrosion/irritation:

Not available

Serious eye damage/irritation:

This may result in slight transient and superficial effects

Respiratory or skin sensitization:

Not available

Germ cell mutagenicity:

Not listed by IARC, NTP, or regulated by OSHA as a mutagen

Carcinogenicity:

Not available

Reproductive toxicity:

Not harmful

STOST-single / repeated exposure:

Not harmful

Aspiration hazard:

Not available

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SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity:
Not available

Persistence and degradability:
Biodegradable

Bioaccumulative potential:
Not available

Mobility in soil:
Not available

Other adverse effect:
Not available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal method:
Disposal method is in accordance with all applicable national environment laws and regulation.

SECTION 14. TRANSPORT INFORMATION

UN Number:
None

UN Proper Shipping Name:
None

Transport Hazard Class:
Not hazardous according to RID/ADR, GGVS/GGVE, ADNR, IMDG,

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ICAO-TI/IATA-DGR.

Packing Group:
None

Environmental Hazard:
Marine pollutant (Yes/No): No
MARPOL Annex II : Not categorised

SECTION 15. REGULATORY INFORMATION

Classification and labelling according to GHS:
None

Classification and labelling according to EC:
None

SECTION 16. OTHER INFORMATION

Not available

Disclaimer

This Safety Data Sheet does not constitute any warranty or guarantee as to the quality, properties, condition or otherwise of the product. It has been prepared from the best knowledge available to us and we shall not be liable for any insufficiency or inaccuracy in such information in any case whatsoever.

Certificate of Ingredients

ZKO-00115 Translucent soap Noodles

Product appearances: Translucent soap Noodles
Chemical composition: Sodium salt of palm based fatty acids

These soap noodles are derived from the following ingredients:

Chemical Name	CAS No.	INCI Nomenclature	Percentage (%)
Sodium Salt of Palm Oil Fatty Acids	61790-79-2	Sodium Palmate	Approximate 60.11
Sodium Salt of Palm Kernel Fatty Acids	61789-89-7	Sodium Palm Kernelate	Approximate 10.61
Water	7732-18-5	Aqua	Approximate 14.90
Palm Kernel based Fatty Acid	101403-98-9	PalmKernel Acid	Approximate 1.90
Glycerine	56-81-5	Glycerine	Approximate 8.00
Sorbitol	50-70-4	Sorbitol	Approximate 4.00
Sodium Chloride	7647-14-5	Sodium Chloride	Approximate 0.38
Tetrasodium Etidronate (HEDP)	3794-83-0	Tetrasodium Etidronate	Approximate 0.05
Tetrasodium EDTA	64-02-8	Tetrasodium EDTA	Approximate 0.05

Herewith we confirm the composition of our soap noodles. The information in this datasheet is to the best of our knowledge, true and accurate. Any recommendations or suggestions are made without warranty or guarantee since the conditions of use are beyond our control.