

Safety Data Sheet

according to GHS 3rd Revision, Annex IV

Printing date 05.07.2011

Version number 1

Revision: 05.07.2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** PALMOSALT N3020
- **Description:** Soap Noodles
- **CAS Number:**
61790-79-2,
61789-89-7
- **EC number:**
263-162-3,
263-097-0
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Toilet soap
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

KSP Manufacturing Sdn. Bhd.
Lot 1245, Kundang Industrial Estate
48020 Rawang
Selangor Darul Ehsan
MALAYSIA
Tel. No.: +603 6034 1218/1213
Fax No.: +603 6034 3090

KLK Emmerich GmbH
Steintor 9, 46446
Emmerich am Rhein
GERMANY
Tel. No.: +49 (0) 2822 72 0
Fax No.: +49 (0) 2822 72 276

- **Further information obtainable from:** enquiry@klkoleo.com
- **Emergency telephone number:**

+603 6034 1218/1213 (KSP Manufacturing Sdn. Bhd.)

+32 3575 5555 (KLK Emmerich GmbH)

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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3 Composition/information on ingredients

- **Chemical characterization: Substances**
- **CAS No. Description**
61790-79-2 Sodium Palmate
61789-89-7 Sodium Palm Kernalate
- **Identification number(s)**
- **EC number:**
263-162-3
263-097-0
- **Additional information:**
The product is not classified as hazardous to health or environment according to the CLP regulation.

4 First aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters** Avoid breathing dust/fume/gas/mist/vapours/spray.
- **Protective equipment:** In case of insufficient ventilation, wear suitable respiratory equipment.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Methods and material for containment and cleaning up:**
Dispose of the material collected according to regulations.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Keep away from heat and direct sunlight.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

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- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:**
Keep container tightly sealed.
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Suitable respiratory protective device recommended.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Solid
Colour: Cream coloured

· Odour: Characteristic

· Odour threshold: Not determined.

· pH-value (5 g/l) : 10

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: ca. > 300°C

· Flash point: ca. 300°C (Cleaveland Open Cup)

· Flammability (solid, gaseous): Product is not flammable (EU method A.10.)

· Ignition temperature:

Decomposition temperature: Not determined.

· Self-igniting: Not determined.

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

Lower: Not applicable
Upper: Not applicable

· Vapour pressure: Not applicable.

· Density: Not determined.

· Bulk density at 20°C: ca. 600 kg/m³

· Relative density: Not determined.

· Vapour density: Not applicable.

· Evaporation rate: Not applicable.

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- | | |
|---|--|
| · Solubility in / Miscibility with water: | Soluble. |
| · Segregation coefficient (n-octanol/water): | Not determined. |
| · Viscosity: | |
| Dynamic: | Not applicable. |
| Kinematic: | Not applicable. |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- **Reactivity**
- **Chemical stability** Stable at environment temperature.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** See Section 7 for information on safe handling.
- **Incompatible materials:** See Section 7 for information on safe handling.
- **Hazardous decomposition products:**
Irritant gases/vapours
Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· LD/LC50 values relevant for classification:

Oral	LD50	> 5000 mg/kg bw (rat) (OECD 401; Sodium Soap)
Dermal	LD50	> 3000 mg/kg bw (rabbit) (Sodium Stearate)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
The substance is not subject to classification according to the latest version of the EU lists.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
Mutagenicity: No.
Carcinogenicity: No.
Toxicity for reproduction: No.

12 Ecological information

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability**
Easily biodegradable
OECD 301 Modified MITI Test (I)
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** Does not accumulate in organisms
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Must be specially treated adhering to official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **DOT Regulations:**
- **Hazard class:** -
- **Packing group:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **UN-Number:**
- **Packaging group:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **UN Number:** -
- **Packaging group:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **UN/ID Number:** -
- **Packaging group:** -
- **UN "Model Regulation":** -
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Other regulations, limitations and prohibitive regulations**
- Positive Country Substance Listing:
USA (TSCA), Canada (NDSL), Europe (EINECS), Australia (AICS): Only CAS # 61789-89-7, Korea (ECL), China (IECSC), Philippines (PICCS), New Zealand (NZIOC).
- Note: The substance name and CAS numbers which are used for this product in the stated inventories may deviate from the information listed in Section 3.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** enquiry@klkoleo.com
- **Contact:** enquiry@klkoleo.com

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent

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LD50: Lethal dose, 50 percent

· Sources

Official Journal of the European Union Regulation (EC) No 1907/2006
Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Third Revised Edition.
Official Journal of the European Union Regulation (EC) No 1272/2008
Official Journal of the European Union Commission Regulation (EU) No 453/2010
IMO (2008). IMDG Code International Maritime Dangerous Goods Code. Incorporating Amendment 34-08. 2008 Edition, Volume 1 & 2.
IMO (2007). IBC Code 2007 Edition.
HERA (2002). Fatty Acid Salts Human Health Risk Assessment.

· * Data compared to the previous version altered.

Revision 1 (5 Jul 2011)
New issuance of GHS/CLP SDS.

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