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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

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

1.1. Product identifier

Trade name/designation:

Prep & Clean

Article No.:

2-872

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

Use of the substance/mixture:

Cleaning agent

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Nordic Chic

Dragstrupvej 9

3250 Gilleleje

Denmark

Telephone: +45 22 25 60 80

E-mail: mmchale@nordicchic.dk

Website: www.nordicchic.dk

E-mail (competent person): mmchale@nordicchic.dk

1.4. Emergency telephone number

+45 22 25 60 80 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: -

Supplemental hazard information

EUH208 Contains Orange, sweet, ext.. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Precautionary statements Prevention

P280 Wear protective gloves/protective clothing and eye/face protection.

Precautionary statements Disposal

P501 Dispose of contents/container to an appropriate recycling or disposal facility.

2.3. Other hazards






No data available

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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 143-18-0 EC No.: 205-590-5	potassium oleate Eye Irrit. 2  Warning H319	0 - < 1.5 weight-%
CAS No.: 8028-48-6 EC No.: 232-433-8 REACH No.: 01-2119493353-35	Orange, sweet, ext. Aquatic Chronic 2, Asp. Tox. 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1     Danger H226-H304-H315-H317-H411	0 - < 0.4 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Take off immediately all contaminated clothing and wash it before reuse.

Following inhalation:

Provide fresh air. Remove affected person from the danger area and lay down.

In case of skin contact:

Wash with plenty of soap and water.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion:

Get immediate medical advice/attention. If unconscious but breathing normally, place in recovery position and seek medical advice. Give nothing to eat or drink.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

alcohol resistant foam , Carbon dioxide , Extinguishing powder , Water mist

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

At high temperatures Formation of: Carbon dioxide , Carbon monoxide ,

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear protective gloves/protective clothing. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Provide adequate ventilation. Special danger of slipping by leaking/spilling product.

Protective equipment:

No data available

Emergency procedures:

No further relevant information available.

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6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Take up mechanically, placing in appropriate containers for disposal.

For cleaning up:

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

No data available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Avoid contact with skin, eyes and clothes.

Fire prevent measures:

No special fire protection measures are necessary.

Measures to prevent aerosol and dust generation:

No special measures are necessary.

Environmental precautions:

Do not allow to enter into surface water or drains.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Packaging materials:

Keep only in original container.

Requirements for storage rooms and vessels:

Keep container tightly closed.

Storage class: 10 - 13 - Other combustible and non-combustible substances

Further information on storage conditions:

No further relevant information available.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

No data available

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	31.1 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	7.78 mg/m ³	① DNEL Consumer ② Long-term - inhalation, systemic effects
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	8.89 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects

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Substance name	DNEL value	① DNEL type ② Exposure route
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	4.44 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	4.44 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	5.4 µg/l	① PNEC aquatic, freshwater
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	0.54 µg/l	① PNEC aquatic, marine water
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	2.1 mg/l	① PNEC sewage treatment plant
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	1.3 mg/kg	① PNEC sediment, freshwater
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	0.13 mg/kg	① PNEC sediment, marine water
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	5.77 µg/l	① PNEC aquatic, intermittent release
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	0.261 mg/kg	① PNEC soil, freshwater

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No further relevant information available.

8.2.2. Personal protection equipment

Eye/face protection:

Suitable eye protection: DIN EN 166

Skin protection:

Tested protective gloves must be worn .

Respiratory protection:

Use suitable breathing apparatus.

8.2.3. Environmental exposure controls

No further relevant information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: clear

Odour: not determined

Safety relevant basis data

parameter		at °C	Method	Remark
pH	8.1 - 8.9			
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	100 °C			
Decomposition temperature	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			

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parameter		at °C	Method	Remark
Vapour pressure	not determined			
Vapour density	not determined			
Density	1.005 g/ml	20 °C		
Bulk density	not determined			
Water solubility	not determined			
Partition coefficient: n-octanol/ water	not determined			
Dynamic viscosity	not determined			
Kinematic viscosity	not determined			

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

No special measures are necessary.

10.5. Incompatible materials

Oxidizing agent

10.6. Hazardous decomposition products

The product is chemically stable under recommended conditions of storage, use and temperature.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance name	Toxicological information
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	LD₅₀ oral: >5,000 mg/kg (Ratte) LD₅₀ dermal: >5,000 mg/kg (Kaninchen)

SECTION 12: Ecological information

12.1. Toxicity

Substance name	Toxicological information
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	EC₅₀: =1.1 mg/l 2 d (crustaceans, Daphnia magna (Big water flea)) EC₅₀: =150 mg/l 3 d (Algae/water plant, Desmodosmus subspicatus) EC₅₀: =5.65 mg/l 4 d (fish, Danio rerio (zebrafish)) NOEC: =4 mg/l 4 d (fish, Danio rerio (zebrafish)) NOEC: =0.48 mg/l 2 d (crustaceans, Daphnia magna (Big water flea)) NOEC: =50 mg/l 3 d (Algae/water plant)

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

Substance name	Results of PBT and vPvB assessment
potassium oleate CAS No.: 143-18-0	—

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Substance name	Results of PBT and vPvB assessment
EC No.: 205-590-5	
Orange, sweet, ext. CAS No.: 8028-48-6 EC No.: 232-433-8	The substance in the mixture does not meet the PBT/ vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Consult the appropriate authorities about waste disposal.

Waste treatment options

Appropriate disposal / Product:

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Appropriate disposal / Package:

Non-contaminated packages may be recycled.

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

Land transport (ADR/ RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI / IATA-DGR)
14.1. UN-No.			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant			
14.4. Packing group			
not relevant			
14.5. Environmental hazards			
not relevant			
14.6. Special precautions for user			
not relevant			

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

SECTION 15: Regulatory information

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

SECTION 16: Other information

16.1. Indication of changes

* Data changed compared with the previous version

16.2. Abbreviations and acronyms

See overview table at www.euphrac.eu

16.3. Key literature references and sources for data

No data available

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16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.