

Safety Data Sheet

According to 1907/2006/EC, Article 31

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1/ Identification of substance:

· **Product details:**

· **Trade name:** Natural+ Home

· **Article number:** 607614

· **Application of the substance / the preparation** See point 3)

· **Manufacturer:**

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2/ Hazards identification

· **Hazard description:** not applicable

· **Information concerning to particular hazards to man and environment**

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **GHS label elements**



Warning

H319 - Causes serious eye irritation.

Safety data sheet available on request

· **Prevention:**

P264 Wash thoroughly after handling.

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

· **Response:**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

3/ Composition/information on ingredients

· **Chemical characterization**

· **Description:** Dental-bleaching based on hydrogen-peroxide

· **Dangerous components:**

CAS: 56-81-5	glycerol	25-50%
EINECS: 200-289-5		
CAS: 7722-84-1	hydrogen peroxide solution	2.5-10%
EINECS: 231-765-0	C, Xn, O; R 8-20/22-34	
	Danger: 2.13/1; 3.2/1A	
	Warning: 3.1.O/4, 3.1.I/4	

CAS: 7757-79-1
EINECS: 231-818-8

potassium nitrate
O; R 8
Danger: 2.14/2

2.5-10%

· **Additional information** For the wording of the listed risk phrases refer to section 16.

4/ First aid measures

· **General information**

Immediately remove any clothing soiled by the product

· **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. Then consult a doctor.

· **After swallowing**

Rinse out mouth and then drink plenty of water.

If symptoms persist, consult doctor..

5/ Fire fighting measures

· **Suitable extinguishing agents**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents** Water with full jet.

· **Protective equipment:** No special measures required.

6/ Accidental release measures

· **Person-related safety precautions:** Not required.

· **Measures for environmental protection:** Dilute with plenty of water.

· **Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

· **Additional information:**

No dangerous substances are released.

7/ Handling and storage

· **Handling**

· **Information for safe handling:**

No special measures required.

· **Information about fire - and explosion protection:**

Protect from heat.

· **Storage**

· **Requirements to be met by storerooms and receptacles:** Store in cool location.

· **Information about storage in one common storage facility:**

Not required.

· **Further information about storage conditions:**

Protect from heat and direct sunlight.

8/ Exposure controls and personal protection gear

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

56-81-5 glycerol

WEL Long-term value: 10 mg/m³

7722-84-1 hydrogen peroxide solution

WEL Short-term value: 2.8 mg/m³, 2 ppm

Long-term value: 1.4 mg/m³, 1 ppm

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment**

· **General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

· **Respiratory protection:** Not required.

· **Protection of hands:** Protective gloves.

· **Material of gloves:** Natural rubber, NR

· **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:

· **General Information**

Form: Pasty

Color: Colorless

Odor: Product specific

· **Change in condition**

Melting point/Melting range: undetermined

Boiling point/Boiling range: 100°C

· **Flash point:** 177°C

· **Ignition temperature:** 400°C

· **Self-igniting:** Product is not selfigniting.

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

· **Explosion limits:**

Lower: 0.9 Vol %

· **Vapor pressure at 20°C:** 23 hPa

· **Density at 20°C:** 1.3g/cm³

· **Solubility in / Miscibility with Water:** Fully miscible

· **pH-value at 20°C:** 6

· **Viscosity:**

Dynamic at 20°C: 300000 mPas

10/ Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to the specifications.

· **Materials to be avoided:**

· **Dangerous reactions:** No dangerous reaction known

· **Dangerous decomposition products:** No dangerous decomposition products known

11/ Toxicological information

- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

LD-50	> 5000 mg/kg	rat
Glycerol	oral	> 12.600 mg/kg rat
	dermal	> 10.000 mg/kg rbt
	inhal./4h	is above the saturation limit

- **Primary irritant effect:**

- **on the skin:** Slightly irritating.

- **on the eye:** Irritating effect.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12/ Ecological information:

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13/ Disposal considerations

- **Product:**

- **Recommendation**

Must be specially treated adhering to official regulations.

Smaller quantities can be disposed of with household waste.

- **European waste catalogue**

07 01 01 aqueous washing liquids and mother liquors

- **Uncleaned packaging:**

- **Recommendation:**

Disposal must be according to official regulations.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14/ Transport information

- **Maritime transport IMDG:**

- **Marine pollutant:** No

15/ Regulations

- **Labeling according to EU guidelines:**

The product is not subject to identification under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

- **Special labeling of certain preparations:** Safety Data Sheet available for professional user on request.

- **National regulations**

- **Technical instructions (air):**

Class: NK

Share in %: 50-75

· **Water hazard class:**

Water hazard class I (Self-assessment): slightly hazardous for water.

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.

· **Relevant R-phrases**

34 - Causes burns.

· **Department issuing MSDS**

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent