



Frank Cleaning Concept GmbH

ZERTIFIKAT

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- **Product identifier:** Dr. Frank Waschmittel Universal
- **Relevant identified uses of the Washing powder intended for washing of all types of substance or mixture laundry except wool and silk and uses advised against:**
Don't use for other purposes than stated on the label.
- **Details of the supplier of the safety data sheet**

Producer:	
Company name:	Frank Cleaning Concept GmbH
Office address:	Grafenberger Allee 277, 40237 Dusseldorf,
Telephone number:	+492115292907
Email address:	info@doktor-frank.de
Competent person responsible	Andreas Gruenhagen
- **Emergency telephone number:** +492115292907

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Gesellschaft : Yulia Levada

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SECTION 2. HAZARD IDENTIFICATION

- **Classification of the substance or mixture:**

Classification according to Regulation (EC) no. 1272/2008 – CLP

Eye Irrit 2, H319

- **Label elements:**

Labelling in accordance with Regulation (EC) no. 1272/2008. The product is classified and labelled according to the CLP regulation.

Pictogram: GHS07

Signal word:

Warning

Standard sentence about hazard:

H319 Causes serious eye irritation

Instructions for safe treatment:

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

Additional sentence:

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Labelling:

< 5 % anionic surfactants, nonionic surfactants; enzymes, perfume, optical brighteners

- **Other hazards:**

Mixture doesn't meet criteria PBT or vPvB

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SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

- **Substances:**

Not applicable

- **Mixture:**

3.2.1 Compounds in the mixture

Chemical name: sodium carbonate 20 – 26 %

CAS: 497-19-8

EINECS: 207-838-8

Index no: 011-005-00-2

Registration no: 01-2119485498-19-XXXX

Classification according to 1272/2008/ES (ELP): Eye Irrit. 2, H319-Warning

Chemical name: sodium carbonate peroxide 1,8 – 2,5 %

CAS: 15630-89-4

EINECS: 15630-89-4

Index no: -

Registration no: 01-2119457268-30-XXXX

Classification according to 1272/2008/ES (CLP): Acute Tox. 4: H302; Eye Dam.1: H318;

Ox. Sol. 3: H272 Danger

Chemical name: sodium alkyl sulphate 1,3 – 1,8 %

CAS: 68955-19-1

EINECS: 273-257-1

Index no: -

Registration no: 01-2119490225-39-0001

Classification according to 1272/2008/ES (CLP): Eye Dam. 1: H318, Skin Irrit. 2: H315

Aquatic Chronic 3, H412

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Chemical name: (1,1,-hydroxyethylidene) biphosphonic acid, sodium salt 0,8 - 1 %

CAS: 29329-71-3

Einecs: 249-559-4

Classification according to CLP: Accute Tox. 4, H302, Eye Irrit. 2, H319-Warning,

Chemical name: alkyl ethoxylate 0,8 - 1 %

CAS: 160901-19-9

Einecs: -

Classification according to CLP: Accute Tox. 4, H302, Eye Dam. H318, Acute Chronic 3, H412

Chemical name: sodium disilicate 0,2 - 0,4 %

CAS: 1344-09-8

EINECS: 215-687-4

Index no: -

Registration no: 01-2119448725-31-XXXX

Classification according to 1907/2006/ES (REACH): Xi 36/37/38

Classification according to 1272/2008/ES (CLP): Eye Irrit. 2, H319, Skin Irrit. 2, H315, STOT SE 3: H335 - Warning

SECTION 4. FIRST AID MEASURES:

• Description of first aid measures:

General Instructions:

In case of health problem or questions, a doctor must be notified and provided with information from this Safety Data Sheet

Inhalation:

In case of inhaling the aerosol, remove the affected individual to fresh air. In case of constant problem contact a doctor.

Skin Contact:

Immediately wash with water, in case of painful flare or blisters contact a doctor.

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Eye Contact:

Open eyelids, wash the affected eye thoroughly with a great amount of water (approximately 15 minutes) and contact a doctor.

Inhalation:

In case of inhaling the aerosol, remove the affected individual to fresh air. In case of constant problem contact a doctor.

Skin Contact:

Immediately wash with water, in case of painful flare or blisters contact a doctor.

Ingestion:

Rinse mouth with water, drink a greater amount of water, do not induce vomiting and contact a doctor.

- **Most important symptoms and effects, both acute and delayed**

None.

- **Indication of any immediate medical attention and special treatment needed**

Secure medical attention for eye contact, ingestion and persistence irritant effects (show the label of the product).

SECTION 5. FIRE-FIGHTING MEASURES:

5.1 Extinguishing

Suitable extinguishing media:

All common fire extinguishers. The agent does not burn on its own.

Unsuitable fire extinguishers:

None.

- **Special hazards arising from the substance or mixture:**

Resulting gasses.

- **Advice for fire-fighters:**

Breathing apparatus with independent air feed, protective clothing

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SECTION 6. ACCIDENTAL RELEASE MEASURES:

- **Personal precautions, protective equipment and emergency procedures:**

Persons not participating in the disposal of leakage should be kept away, avoid skin and eye contact

Use personal protective working means.

6.2 Environmental precautions:

Use the instructions. In case of accidental concentrate leakage avoid penetration into surface, underground and sewer water, in soil and sewerage by means of using sand or other suitable barriers.

- **Methods and material for containment and cleaning up:**

Sweep any agent's residuum and collect them in a suitable container.

- **Reference to other sections :**

See Chapter 8 and 13

SECTION 7. FIRE-FIGHTING MEASURES:

- **Precautions for safe handling:**

Wear work and protective equipment. Follow safety instructions on packaging. Observe for handling with chemicals.

Precaution

- **Conditions for safe storage, including any incompatibilities:**

Material storage instructions:

Store in original, tightly closed covers, store out of children's reach, separately from food and drinks

Storage temperature from 5 to 25 Celsius. Store dry.

- **Specific end use(s):**

On the label.

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

- **Control parameters:**

Relevant exposure limits (REL) and the highest relevant concentrations are under the governmental

Regulation No. 93/2012 Coll., as amended for:

Component:	Carbonates of alkali metals	
CAS:		497-19-8
PEL		5 mg.m-3
NPK-P		10 mg.m-3
Notice:		-
Conversion factor to ppm		-
Limit values of biological exposure tests:		None.

- **Exposure controls:**

Occupational exposure controls :

Follow recommended exposure limits, secure sufficient ventilation and/or workplace exhaust system

Appropriate engineering controls:

At work do not eat, do not drink and do not smoke. Do not touch the eyes with dirty hands. After work wash hands with warm water and soap.

Individual protection measures, such as personal protective equipment:

Eye/face protection:

Not necessary when used as recommended.

Skin protection:

Not necessary when used as recommended. After work, before the lunch wash hands with warm water and soap. Contaminated clothing wash before other using.

Hand protection:

Not necessary when used as recommended.

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Respiratory protection:

Not necessary when used as recommended.

Thermal hazards:

None.

Environmental exposure controls:

Follow usual environmental precautions, in case of accident avoid soil contamination and leakage of the mixture in surface, underground and waste water and sewerage.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES:

• Information on basis physical and chemical properties:

Appearance (at 20 °C):	White powder with colour particle
Odour:	Fresh
Odour threshold:	Not specified
pH value (at 20°C):	9,5 – 11,5 (1% solution)
Melting/freezing point (°C):	Not specified
Boiling point:	Not specified
Flash point (°C):	Not specified
Flammability:	Non flammable
Explosive limits: upper limit (% volume):	Not applicable, mixture is not explosive
Lower limit (% volume):	Not applicable, mixture is not explosive
Vapour pressure (at 20°C):	Not specified
Vapour density:	Not specified
Bulk density (at 20°C):	1000 – 1200 g/l
Solubility (at 20°C):	
-in water:	Soluble
-in fats:	Not specified
Partition coefficient: n-octanol/water:	Not specified
Auto-ignition temperature:	Not specified
Decomposition temperature:	Not specified
Viscosity:	Not specified
Explosive properties:	Not specified
Oxidising properties:	None
Oxidising properties:	None

• Other information:

Biocid components:	None
Volatile substances:	None

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SECTION 10. STABILITY AND REACTIVITY:

- **Reactivity:**

When used and stored as recommended, mixture is stable.

- **Chemical stability:**

When used and stored as recommended, mixture is stable

- **Possibility of hazardous reactions:**

When used for a specific purpose there is not risk of hazardous reactions. At fire can liberates CO, CO₂ gasses.

- **Conditions to avoid:**

None.

- **Incompatible materials:**

None.

- **Hazardous decomposition products:**

None.

SECTION 11. STABILITY AND REACTIVITY:

- **Information on toxicological effects:**

The agent has not been toxicologically tested.

Acute toxicity: For compounds:

Sodium carbonate LD50 : 4090 – 5600 mg/kg (oral rat)

Irritation: Is not classified as irritating.

Corrosivity: None.

Sensitization: None.

Repeated dose toxicity: None.

Carcinogenicity: None.

Mutagenicity: None.

Toxicity for reproduction: None.

Other information about dangerous properties see chapter 3.

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SECTION 12. ECOLOGICAL INFORMATION:

- **Toxicity:** Not determined for compounds:
Sodium carbonate LD50 740 mg/l (96h) – fish (*Gambusia affinis*)
Sodium carbonate LD50 1600 mg/l (48h) – fish (*Leuciscus idus*)
-EC50, 48 hours, dafnie (mg.l-1): Not determined
-IC50, 72 hours, algae (mg.l-1): Not determined
- **Persistence and degradability:** Decomposability of surface-active materials in the mixture fulfill, as their suppliers assure, the requirements set by the Regulation (ES) No. 648/2004.
- **Bioaccumulative potential:** Not determined
- **Mobility in soil:** Not determined
- **Results of PBT and vPvB assessment:** Not determined
- **Other adverse effects:** None

SECTION 13. DISPOSAL CONSIDERATIONS:

- **Waste treatment methods:**
Dispose of in accordance to Local Authority requirements.

Method of disposal:

Waste code:

Content:

07 06 Waste from production, processing, distribution and use of fats, lubricants, soaps, detergents, disinfectants and cosmetics

07 06 99 Unspecified waste

Container:

15 01 02 Plastic covers

15 01 01 Paper and cardboard containers

15 01 10 Containers contain remnants of dangerous material or containers contaminated by such material.

A container emptied and washed with water may be re-used as a container or it may be disposed of in the reusable plastic waste collection system.

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SECTION 14. TRANSPORT INFORMATION:

The product does not come under the regulations for the transportation of dangerous goods ADR

SECTION 15. REGULATORY INFORMATIONS

- Safety, health and environmental regulations/legislation specific for the substance or mixture: EU regulation

REACH: European Regulation (EC) No. 1907/2006 Registration, Evaluation, Autorisation and Restriction of Chemicals, as amended by Regulation (EC) No. 453/2010

The CLP Regulation: Regulation (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures, as amended

Regulations:

Act. No. 350/2011 Coll. Law on chemical substances and mixtures and amending certain acts

(chemical Acts)

Degree 420/2011 Coll. Degree on evaluation of hazardous properties of chemical substances and mixtures and packaging and labeling of dangerous chemical compounds.

Personal protection:

Labor Code, The law on protection of public health, The Degree establishing occupational exposure limits of chemical, physical and biological indicators for the internal environment of buildings some rooms stay, Degree laying the conditions for categorization of works, limit values of indicators of biological exposure tests, conditions for sampling of biological materials for biological exposure tests and requirements for reporting work with asbestos and biological agents

- Chemical Safety Assessment:

Assessment has not been processed

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SECTION 16. OTHER INFORMATION:

A key or legend to abbreviations and acronyms used in the safety data sheet:

Symbols, abbreviations:

Eye Irrit. 2 – Eye irritating, category 2

Acute Tox. 4 – Acute toxicity, category 4

Skin Irrit. 2 – Skin irritatig, category 2

Eye Dam. 1 – Eye damage, category 1

STOT SE3 – Specific target organ toxicity (single exposure) category 3

Skin Corr. 1B – Skin corrosive, category B

PBT – persistent, bioaccumulating, toxic (Annex 13 to Regulation (EC) No 1907/2006)

H-phrases, hazard statements:

H302 Harmful if swallowed

H335 May cause respiratory irritation

H314 Causes severe skin burns ans eye damage

H315 Causes skin irritation

H318 Causes serious eye damage

H319 Causes serious eye irritation

Training advice:

Workers must have training advice about dangerous properties of material, they must know first aid, improvement scheme, emergency plan,... They must be apprized of information from Safety Data Sheets of material.

Recommended use limitations:

Information is only a guide for application of this product.

Technical information:

See chapter 1.3

Sources of key data:

Production regulations. Safety data sheets of raw materials used for the production of the mixture, providedby the suppliers of these materials. Act on Chemical Material and Agents, as amended.

The list of marketable materials, NLP List, catalogues ALDRICH, MERCK, FLUKA

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