SAFETY DATA SHEET
in accordance with Annex II for Regulation 453/2010 of 20 May 2010

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

1.1. Product identifier

Product name: WASHING POWDER WHITE

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

Identified uses:

Washing fabrics in all types of washing machines and for hand washing.

Recommended restrictions on use:

Other than specified above

1.3. Details of the supplier of the safety data sheet

Felicite S sp. z o.o.,
ul. Sienna 9,
70-542 Szczecin
Contact person: Clifford James
E-mail: info@felicite.dk

1.4. Emergency telephone number

General emergency number: 112
Toxicology Information Centre: +48 (22) 619 66 54

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification – EC 1272/2008

Eye Irrit. 2: H319 Causes serious eye irritation.

2.2. Label elements

Labelling (REGULATION (EC) No 1272/2008)
Hazard pictograms:

Signal Word: Warning

Hazard Statement:

Eye Irrit. 2: H319 – Causes serious eye irritation.

Supplemental Hazard Statement:

Precautionary Statement:

P102 Keep out of reach of children. P101 If medical advice is needed, have product container or label at hand. 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.

Ingredients reported in accordance with Annex VII A to Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:

<5% anionic surface active agents , <5% non-ionic surface active agents, oxygen based bleach agents, silicates, zeolite, soap , optical brighteners. Contains fragrance composition.

2.3. Other hazards

Not applicable.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Chemical Name	%	CAS-No.	EC-No.	REACH No.	Classification (REGULATION (EC) No 1272/2008)
Sodiumcarbonate	15-30	497-19-8	207-838-8	01-2119485498-19-0013	Eye Irrit. 2: H319
Alcohols, C12-14, ethoxylated (1-2.5 TE), sulphates, sodium salts	2-6	68891-38-3	500-234-8		Skin Irrit. 2: H315 Aquatic Chronic 3: H412 Eye Dam. 1: H318
Oxyethylated (>5-10 EO) alcohols C 12-13	2-4	160901-19-9	polymer		Eye Dam. 1: H318 Aquatic Acute 1: H400
Sodium percarbonate	0,5-3	15630-89-4	239-707-6		Eye Irrit. 2: H319

Full text of H-phrases: see section 16

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

remove victim to fresh air. If breathing is difficult immediately seek medical advice.

Skin contact:

rinse the contaminated areas with running water. Take off the contaminated clothes.

Eye contact:

Immediately rinse carefully with water for 15 minutes. If the feeling of discomfort (irritation, redness) persists, obtain medical advice from a specialist

Ingestion:

Rinse the mouth and throat carefully, do not induce vomiting. Obtain medical advice immediately.

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

Potential acute health effects

Inhalation:

irritation, coughing. Bigger quantities may induce throat spasms and breathlessness

Skin contact:

Prolonged or repeated contact can cause skin irritation or dryness.

Eye contact:

Causes irritation, redness, and pain.

Ingestion:

irritation, coughing. Bigger quantities may induce throat spasms and breathlessness

Over-exposure signs/symptoms

Inhalation:

No specific data.

Skin contact:

No specific data.

Eye contact:

No specific data.

Ingestion:

No specific data.

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

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: No specific treatment.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture:

During fire, possible discharge of carbon monoxide and products of pyrolysis.

5.3. Advice for firefighters:

While extinguishing the fire, take into account recommendations related to extinguishing media suitable for materials stored nearby. Special protective equipment for fire-fighters: self-contained breathing apparatus, protective clothing resistant to chemicals.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid slipping on scattered and wet product. Avoid contact with eyes and skin. Ensure suitable ventilation. Do not breath in the dust

6.2 Environmental precautions

Prevent product from entering surface and ground water.

6.3 Methods and material for containment and cleaning up

Collect as much mixture as possible with mechanical tools, and rinse the residues with large quantity of water.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling:

Use in accordance with the intended purpose. Follow the rules of personal hygiene. Store at places inaccessible to children. Do not allow contamination affecting eyes, skin, and clothes.

Hygiene measures:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Store in dry and cold rooms.

7.3 Specific end use(s)

No additional information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

TLV for powder dust = 10 mg / m3

8.2 Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation of the working area.

Individual protection measures:

Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Avoid contact with skin and eyes. Wash hands after handling the product.

Eye/face protection:

Pictogram	Safety equipment	Comments

Hand protection:

Pictogram	Safety equipment	Comments
	Chemical resistant gloves (PVC).	Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin and body protection:

Personal protective equipment is required if the product is handled in industrial environment and at large quantities (not applicable if the product in used in households).

Pictogram	Safety equipment	Comments
	Chemical protective clothing	Remove and wash contaminated clothing before re-use.
	Protective footwear	

Respiratory protection:

Not normally required. Do not breathe gas/fumes/vapour/spray.

Other information:

Environmental exposure controls:

Should not be released into the environment. See also Section 7.1 for additional information.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	white, free flowing powder with blue and red particles
Odour:	pleasant,
Odour threshold:	Not applicable and/or not determined for the mixture
pH:	10,5
Relative evaporation rate (butylacetate=1):	Not applicable and/or not determined for the mixture
Melting point:	Not applicable and/or not determined for the mixture

Freezing point:	Not applicable and/or not determined for the mixture
Boiling point:	Not applicable and/or not determined for the mixture
Flash point:	Not applicable and/or not determined for the mixture
Evaporation rate:	Not applicable and/or not determined for the mixture
Flammability (solid, gas):	Non flammable
Upper/lower flamm. or explosive limits:	Not applicable and/or not determined for the mixture
Vapour pressure:	Not applicable and/or not determined for the mixture
Relative vapour density at 20 °C:	Not applicable and/or not determined for the mixture
Density:	810-980 g/l
Solubility:	Soluble in water
Log Pow:	Not applicable and/or not determined for the mixture
Auto-ignition temperature:	Not applicable and/or not determined for the mixture
Decomposition temperature:	Not applicable and/or not determined for the mixture
Viscosity:	Not applicable and/or not determined for the mixture
Explosive properties:	Not applicable and/or not determined for the mixture
Oxidising properties:	Not applicable and/or not determined for the mixture

9.2 Other information

Not applicable and/or not determined for the mixture

SECTION 10. STABILITY AND REACTIVITY

10.4 Reactivity

No dangerous reaction known under conditions of normal use. See Section 7.

10.5 Chemical stability

Stable under normal conditions.

10.6 Possibility of hazardous reactions

No reactivity hazards known under normal storage and use conditions.

10.7 Conditions to avoid

Temperature >40 ^{o}C.

10.8 Incompatible materials

No specific data.

10.9 Hazardous decomposition products

No specific data.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The product is not classified or labelled as toxic (acute toxicity via digestive tract), based on the data from OECD 423 test performed on a product with similar chemical composition.

The product is classified and labelled as eye irritant – additive method (combined action of mixture ingredients).

Information on ingredients:

Sodium carbonate / CAS: 497-19-8

Acute toxicity (ingestion): LD50 > 2500 mg/kg (rat – male female)

Acute toxicity (inhalation): LC50 =4100 mg/ m3 ((rat – male female)

· **Skin irritant**: none (rabbit, 4 hours, OECD 404 method)

· **Mutagenic effect in reproductive cells**: negative result (reversible cell mutation test)

alcohols, C12-14, ethoxylated (1-2.5 TE), sulphated, sodium salts/ CAS: 68891- 38-3

· **Acute toxicity(skin**): LD50 > 2000 mg/kg (rat, OECD 402 method)

· **Skin irritant**: irritation category 2 (rabbit, OECD 404 method)

· **Sensitization (skin):** substances are not sensitising (guinea pig, OECD 406 method)

· **Mutagenic effect** in reproductive cells: negative result- OECD 476 method, OECD475, in vitro experiment, subject-related to mammal-animal - OECD 471 method, in vitro experiment, subject-bacteria,

· **Toxicity of repeated dose:** LD50 > 125 mg / kg (pre-chronic condition NOAEL orally; rat –male, female; 90days)

· **Adverse effect to reproduction**: negative (rat-male, orally 30-300mg/kg, exposition-

11weeks)

oxyethylated (7 EO) alcohols C 12-13 / CAS 66455-14-9

· **Acute toxicity for fish**: LC50 = 0.96 – 1.3 mg / l (96 hours, OECD 203 method) NOEC = 0.32 mg / l (Pimephales promelas, OECD 210 method)

· **Acute toxicity for invertebrates:**

EC50 = 0.46 – 0.74 mg/l (48 hours, Daphnia magna, OECD 202 method)

· **Acute toxicity for algae:**

EC50 = 1 - 10 mg/l (OECD 201 method)

Sodium percarbonate / CAS 15630-89-4

· **LC50** (orally, rat): 1034-2000 mg/kg

· **LC50** (skin, rabbit): >2000 mg/kg

· **LD50** (inhalation, rat): >4580 mg/kg

· Basic effects of irritation, causes skin irritation, serious eye irritation. Accidental ingestion of the substance induces vomiting, nausea, burning in digestive system and local irritation. The substance does not show sensitization effect. No mutagenic effects identified in organisms and their metabolism.

fragrance composition

· **Acute toxicity**: No data

· **Irritation**: No data

· **Corrosion**: No data

· **Sensitization**: No data

· **Toxicity** – repeated exposition: No data

· **Cancerogenic** effect: No data

· **Mutagenic** effects: No data

· **Toxicity for reproductive system**: No data

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Information on the ingredients:

Sodium carbonate / CAS: 497-19-8:

· **Acute toxicity for fish**:LC50 = 300 mg/l (96 hours, Lepomis macrochirus, OECD 203 method)

· **Acute toxicity for algae:** EC50 = 137 mg/l (5 days, Nitzchia sp, OECD 201 method)

· **Acute toxicity for invertebrates:** LC50 = 200-227 mg/l (48 hours, Ceriodaphnia sp., OECD 202 method)

alcohols, C12-14, ethoxylated (1-2.5 TE), sulphated, sodium salts/ CAS: 68891- 38-3

· **Acute toxicity for fish**:LC50 = 7.1 mg / l (96 hours, Brachydanio rerio) NOEC = 1 mg / l (45 days, Pimephales promelas)

· **Acute toxicity for algae:** EC50 = 27 mg/l (72 hours, Desmodesmus subspicatus)

EC50 = 2.6 mg / l (72 hours, Desmodesmus subspicatus)

· **Acute toxicity for invertebrates:**

EC50 = 7.2 mg/l (48 hours Daphnia magna)

oxyethylated (7 EO) alcohols C 12-13 / CAS 66455-14-9

· **Acute toxicity for fish:** LC50 = 0.96 – 1.3 mg / l (96 hours, OECD 203 method)

NOEC = 0.32 mg / l (Pimephales promelas, OECD 210 method)

· **Acute toxicity for invertebrates:**

EC50 = 0.46 – 0.74 mg/l (48 hours, Daphnia magna, metoda OECD 202)

· **Acute toxicity for algae:**

EC50 = 1 - 10 mg/l (OECD 201 method)

Sodium percarbonate / CAS 15630-89-4

· **LC50** 70.7 mg/l/96h (Pimephales promelas)

· **EC50** 4.9 mg/l/48h (Daphnia magna)

· **EC50** 8mg/l/140h (Anabaeba sp.)

Persistence and degradability

No specific data.

12.2 Bioaccumulative potential

No specific data.

12.3 Mobility in soil

The product is mobile in soil, soluble in water and may spread in water systems.

12.4 Results of PBT and vPvB assessment

No specific data.

12.5 Other adverse effects

No specific data.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Expired product and packaging may not be discharged into the environment. Empty and clean packaging from products used in households must be disposed of together with household waste. It is necessary to follow local regulations related to waste disposal.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

The mixture is not hazardous to the environment .

14.6 Special precautions for user

Wear protective gloves.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture.

SECTION 16. OTHER INFORMATION

Text of Hazard Statements in Section 3

H302 Harmful if swallowed

H315 Causes skin irritation

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H400 Very toxic to aquatic life

H412 Harmful to aquatic life with long-lasting effects

P102 Keep out of reach of children.

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

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.

Staff training tips

To be proactive in preventing accidents, employees must be properly trained on new chemical labelling and Safety Data Sheet (SDS) formats.

Abbreviations and acronyms:

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
LC50 = Lethal Concentration, 50% / Median Lethal Concentration
LD50 = Lethal Dose, 50% / Median Lethal Dose
EC50 = half maximal effective concentration
PBT = Persistent, Bioaccumulative and Toxic
vPvB = Very Persistent and Very Bioaccumulative
STOT = Specific target organ toxicity
DNEL = Derived No Effect Level
PNEC = Predicted No Effect Concentration

Further information

Prepared by: Grażyna Szymanek (based on manufacturer's data)

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.