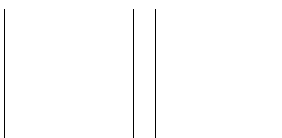


1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name: VITAL FRESH BIO LEMON pail 10kg
Purpose: Heavy-duty detergent
art. 77210
Supplier: Senzora B.V.
Address: Sluisstraat 23-25. 7411 EE Deventer, Netherlands
Telephone no. + 31 (0)570 - 68 33 33

2. HAZARDS IDENTIFICATION



Not classified.

The product is not classified as dangerous to health or environment. Prolonged or repeated contact with skin or eyes may cause irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

In accordance with the EC-guidelines this product should be considered as a preparation.

Ingredients declaration according to (648/2004/EC):

Composition	Percentage
Oxygen-based bleaching agents, Soap, Non-ionic surfactants, Phosphonates	< 5 %
Perfumes, Optical brightener, Enzymes (protease)	

Description of the hazardous components in the meaning of EC-guideline 67/548/EEG

Component	einecs	cas		
Sodiumcarbonate	207-838-8	497-19-8	Xi ; R36	15 -30 %
Sodium percarbonate	239-707-6	15630-89-4	O/Xn ; R8-22-41	< 5 %
Sodium silicate	215-687-4	1344-09-8	Xi ; R37/38-41	< 5 %
Alcohol C12- C15 EO >5<10	polymer	68131-39-5b	Xn/N ; R22-41-50	< 5 %

4. FIRST AID MEASURES

- General indication:** *In all cases of doubt or if any irritation persists obtain medical attention.*
- Inhalation:** *Move the patient to fresh air.*
- Skin contact:** *Wash the affected area immediately with plenty of water. Obtain medical attention if any irritation persists.*
- Eye contact:** *Immediately flush eyes with plenty of water for at least 15 min. (keep eyelids apart) Obtain medical attention.*
- Ingestion:** *Rinse out mouth and then give plenty of water to drink. Do not induce vomiting. Obtain medical attention.*

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media:** *The product is not combustible, all suitable extinguish media can be used to handle any fire nearby the product.*
- Special protective equipment:** *Use self-contained breathing apparatus.*

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** *Slippery when spilled. Use personal protective equipment (see section 8).*
- Environmental precautions:** *Prevent spillage of large quantities undiluted product in surface- or groundwater.*
- Cleaning methods:** *Spillage should be removed mechanically. Spilled product can be reused when it is not polluted. Flush remainder with plenty of water.*

7. HANDLING AND STORAGE

- Handling:** *Handle and open packing with care.*
- Storage:** *Keep out of the reach of children. Keep packing tightly closed and dry.*

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Measurement: *Always follow up the information on the package. Prevent contact with eyes.*

Exposure limits for the substances listed in section 3		
Component	Einecs	MAC-value
Sodiumcarbonate	207-838-8	no data
Sodium percarbonate	239-707-6	no data
Sodium silicate	215-687-4	no data
Alcohol C12- C15 EO >5<10	polymer	no data

Personal protection:

Protective clothing: *No special clothing required under normal circumstances.*

Respiratory protection: *None required with normal use.*

Hand protection: *Not necessary.*

Eye protection: *Not necessary with normal use, eventually wear safety goggles.*

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: *free flowing powder*
Colour: *white with green speckles*
Odour: *perfumed*
pH (1%): *10,4 - 10,8*
pH (100%): *-*
Density: *900 - 1100 g/l*
Alkalinity: *app. 22 g as NaOH/100 ml product*
Decomposition Temp. *n.a.*
Flash point: *not flammable*
Oxidising properties *Contains oxidizing components*
Viscosity: *-*
Solubility in water: *completely soluble*

10. STABILITY AND REACTIVITY

Stability: *The product is stable under normal conditions of use.*

Conditions to avoid: *Do not mix with other detergents.*

Materials to avoid: *none*

Hazardous decomposition products: *none*

11. TOXICOLOGICAL INFORMATION

Human experience shows normally no irritation to eye, skin and or respiratory tract. The product can lead to tickling of the eye.

Toxicological effects

Inhalation:	<i>May be irritant to the respiratory tract.</i>
Skin:	<i>May cause redness or rash.</i>
Eye:	<i>May cause eye irritation.</i>
Ingestion:	<i>May cause gastrointestinal irritation.</i>

12. ECOLOGICAL INFORMATION

The surfactants in this product comply with the biodegradability criteria as laid down in Regulation (EC) no.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.

13. DISPOSAL CONSIDERATIONS

Product:	<i>Normally the product is used completely.</i>
Packing:	<i>Empty carton can be disposed with the garbage.</i>
National or regional provisions	<i>Any unsalvageable material must be disposed in compliance with local regulations and national laws.</i>

14. TRANSPORT INFORMATION

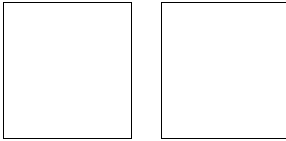
(rail/road) (RID/ADR)

UN-number:	-
RID/ADR,class:	<i>Not subject to ADR/IMDG codes.</i>
Packing group:	<i>n.a.</i>
Proper shipping name:	<i>n.a.</i>

Transport emergency card: -

15. REGULATORY INFORMATION

Health, safety and environmental information according to Directives 67/548/EEC and 1999/45/EC.



Not classified.

Risk phrases:

-
-
-
-
-

Safety phrases:

S2 *Keep out of the reach of children.*
S25 *Avoid contact with eyes.*
S26 *In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.*
S46 *If swallowed, seek medical advice immediately and show this container or label.*

-
-

Name on label: *n.a.*

16. OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warranty, express or implied regarding its correctness.

Date of preparation: *05-04-2011*

History: -

Dictated by: *E.L.M. Klasen info@detergentinfo.nl*

Changes were made in sections: -

List of relevant R phrases (heading 2)

R8 *Contact with combustible material may cause fire.*
R22 *Harmful if swallowed.*
R36 *Irritating to eyes.*
R37/38 *Irritating to respiratory system and skin.*
R41 *Risk of serious damage to eyes.*
R50 *Very toxic to aquatic organisms.*