

# Safety Data Sheet

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

### 1.1 Product identifier

Code: LTAB20N Trade Name: ECOZONE NON -BIO LAUNDRY CAPSULES

**UFI CODE: Q300-D0CS-U00N-27N1**

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

Uses: liquid laundry detergent in water soluble dose

Uses advised against

Avoid any use other than those recommended / provided on the packaging.

### 1.3 Details of the supplier of the safety data sheet

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

Ecozone Ltd UK

Street : Barley Mow Centre  
10 Barley Mow Passage

Chiswick

Postal code/city : W4 4PH London

Telephone : 0345 230 4200

Information contact : trade@ecozone.com

### 1.4 Emergency telephone number

0345 230 4200

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

Hazard classes and hazard categories

Skin Irrit. 2 · Eye Irrit. 2

### 2.2 Label elements

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

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation. Precautionary

statements

P102 Keep out of reach of children.

P103 Read label before use.

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

P280 Wear protective gloves.

P301+P312 IF SWALLOWED: call a POISON CENTER or a doctor if you feel unwell.

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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.

Contains ( Reg 648/2004/CE ): 15%-30%: Anionic Surfactants, soap; 5%-15%: Non ionic surfactant components: Parfum ( limonene, alpha isomethyl ionone, hexyl cinnamal )

Other

## 2.3 Other hazards

None

## SECTION 3: Composition / information on ingredients

3.1 Substances: This product is a mixture.

### 3.2 Mixtures

Hazardous ingredients

Fatty acids, coco, compds with ethanolamine ; EC No. : 266-105-0; CAS No. : 66071-80-5

Weight fraction : 25 - 30 %

Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

MEA-Lauryl sulfate ; EC No. : 225-214-3; CAS No. : 4722-98-9

Weight fraction : 15 - 20 %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 Aquatic Chronic 3 ; H412 Alcohols C11-13 branched ethoxylate ; CAS No. : 68439-54-3

Weight fraction : 10 - 15 %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

ETHANOL ; REACH registration No. : 01-2119457610-43-0090 ; EC No. : 200-578-6; CAS No. : 64-17-5

Weight fraction : 1 - 5 %

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319

Additional information

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

## SECTION 4: First aid measures

### 4.1 Description of first aid measures Following inhalation

IMMEDIATE ACTION: Bring the injured to a ventilated area Next intervention: If you feel unwell seek medical advice.

MANEUVERS OR SUBSTANCES TO AVOID: Do not carry and do not dispense substances without consulting a doctor.

#### In case of skin contact

RAPID ACTION: Wash the area coming in contact with the product with water and soap. NEXT ACTION: Check if the product may have come into contact with clothing; if so provide a cloth change as soon as possible. RIGGING OR

MATERIALS TO AVOID: In case of irritation consult a doctor and show the label or this document before using any medication.

#### After eye contact

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RAPID ACTION: Rinse long with water while holding eyelids open NEXT ACTION: Seek medical advice RIGGING OR MATERIALS TO AVOID: Do not use eye drops or ointments without consulting a doctor.

## After ingestion

RAPID ACTION: Move the victim to a ventilated area. Consult a doctor immediately. Next Action: None RIGGING OR MATERIALS TO AVOID: Do not induce vomiting. Do not use any medication without consulting a physician

## 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

In case of accident or if you feel unsafe (consult a doctor immediately (if possible show directions for use or present

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** The mixture is not flammable, but in case of fire burns: you can use any approved extinguishing agent available.

### 5.2 Special hazards arising from the substance or mixture

the area and wait for rescue. The mixture is not flammable, but a possible combustion of its components generates harmful gases. Move away from

### 5.3 Advice for firefighters

**Special protective equipment for firefighters** Do not inhale the fumes of combustion. Use an appropriate respiratory protection: ABEK 2/P3

**5.4 Additional information** Remove persons to safety.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment to prevent contamination of the skin, eyes and personal clothing.

#### For non-emergency personnel

There are no specific additional precautions.

### 6.2 Environmental precautions

Do not discharge into drains or the aquatic environment. In the case of diffusion into waterways, soil or drains inform the competent authority.

### 6.3 Methods and material for containment and cleaning up

#### For containment

and suitable containers for disposal. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid - or universal binding agents). Collect in closed

#### For cleaning up

The contaminated area should be immediately cleaned using a common floor cloth dampened with any floor cleaner available commercially. **Other information** None in particular.

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## 6.4 Reference to other sections

Safe handling: Part 7. Protection: Part 8. Disposal: Part 13

## SECTION 7: Handling and storage



### 7.1 Precautions for safe handling

### Protective measures

Specific requirements or handling rules

Handle with care, avoiding knockrecommended protective equipment. s, bumps and frictions. Avoid contact with eyes and skin. Please see paragraph 8 for

#### Advices on general occupational hygiene

At work do not eat, drink or smoke

### 7.2 Conditions for safe storage, including any incompatibilities

Use only in the original container. Do not reuse empty containers.

#### Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place. Protect against UV-radiation/sunlight Humidity.

#### Further information on storage conditions

Keep container tightly closed and in a well-ventilated place.

### 7.3 Specific end use(s)

Only those recommended / provided in the product label

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

ETHANOL ; CAS No. : 64-17-5

Limit value type (country of origin) : TRGS 900 ( D )

Limit value : 500 ppm / 960 mg/m<sup>3</sup>

Peak limitation : 2(II)

Remark : Y

Version : 02.04.2014

### 8.2 Exposure controls

#### Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

#### Personal protection equipment



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

#### Eye/face protection

Suitable eye protection Eye glasses with side protection

#### Skin protection

#### Hand protection

We recommend the use of protective gloves

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Odour : Citrusy Fresh

#### Safety relevant basis data

Appearance : Colour :

Clear Liquid  
blue

Melting point/melting range :

not applicable (product) liquid

( 1013 hPa )

Initial boiling point and boiling range :

Not relevant

Decomposition temperature :

Not relevant

Flash point :

Not flammable

Ignition temperature :

Not flammable

Flammability (solid, gas) :

No flammable and not

applicable

Upper/lower flammability or explosive limits :

Not explosive

Explosive properties :

Not explosive

Vapour pressure :

( 50 °C )

Not relevant (liquid)Viscous

Vapour density :

Not relevant (liquid) Viscous

Density :

( 20 °C )

1,01 - 1,02 g/cm<sup>3</sup>

Water solubility :

( 20 °C )

Soluble

pH :

( 20 °C / 20 g/l )

8 - 9

Octanol –water partition coefficient (log Pow):

Not applicable (mixture)

Viscosity :

( 20 °C )

200 - 600 mPa.s

Odour threshold :

(viscous

Not relevant liquid)

Evaporation Rate :

Not relevant (liquid) Viscous

Oxidant properties

Not applicable.

( Non oxidating agents inside the mixture)

Flammable solids :

Flammable gases :

Not applicable.

Soluble in:

Water

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reactions known if used and maintained in accordance with the provisions.

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## 10.2 Chemical stability

The product is a stable mixture under normal conditions.

## 10.3 Possibility of hazardous reactions

No hazardous reactions known.

## 10.4 Conditions to avoid

Observe the information in section 7 and 8 for a correct handling of the product.

## 10.5 Incompatible materials

No particular compatibility problem known.

## 10.6 Hazardous decomposition products

None under normal use and conservation. In the case of partial combustion or oxygen deficiency, it can form dangerous fumes or gases nitrogen, sulfur or carbon monoxide.

## SECTION 11: Toxicological information

### Acute effects

#### 11.1 Information on toxicological effects

Acute oral toxicity	Parameter :	LD50 ( MEA-Lauryl sulfate ; CAS No. : 4722-98-9 ) Oral Rat	
	Exposure route :		
	Species :		Effective dose : > 2000 mg/kg
	Parameter :	LD50 ( ETHANOL ; CAS No. : 64-17-5 ) Oral Rat 21 g/kg	
	Exposure route :	LD50 ( ETHANOL ; CAS No. : 64-17-5 ) Oral	
	Species :	Rabbit	
Effective dose :		6300 mg/kg	
	Exposure route :		
	Species :	LD50 ( ETHANOL ; CAS No. : 64-17-5 ) Dermal Rabbit	
Effective dose : Acute dermal toxicity	Parameter :	20 g/kg	
	Exposure route :		
	Species :		
Acute inhalation toxicity	Effective dose :	LC50 ( ETHANOL ; CAS No. : 64-17-5 ) Inhalation Rat 5,9 mg/l 6 h	Repeated dose toxicity ( Acute, subchronic, chronic ) Subacute oral toxicity Parameter : NOAEL(C) ( MEA-Lauryl sulfate ; CAS No. : 4722-98-9 ) g/kg bw/d
	Parameter :		
	Exposure route :		
	Species :		
Effective dose :			
Exposure time :			Oral Rat 28300 days

Exposure route : Effective dose : Species : Exp

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 ( MEA-Lauryl sulfate ; CAS No. : 4722-98-9 )

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Acute (short Species : Effective dose : Exposure time : -term) daphnia toxicity Fish >96 3 mg/l h

Parameter : EC50 ( MEA-Lauryl sulfate ; CAS No. : 4722-98-9 )

Acute (short Species : Effective dose : Exposure time : -term) algae to xicity Daphnia >48 10 mg/l h

Parameter : IC50 ( MEA-Lauryl sulfate ; CAS No. : 4722-98-9 )

Species : Effective dose : Exposure time : >72Algae 10 mg/l h

## 12.2 Persistence and degradability

No information available. 12.3

## Bioaccumulative potential

No information available.

## 12.4 Mobility in soil

No information available.

## 12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

## 12.6 Other adverse effects

No information available.

## 12.7 Additional ecotoxicological information

None

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product/Packaging disposal

Waste treatment options

Appropriate disposal / Product

The methods of waste management must be evaluated case by case, in relation to the composition of the waste itself, in light of the provisions of Community and national legislation in force. For handling and measures in the event of accidental spillage of waste, generally you can apply the guidance provided in paragraphs 6 and 7; caution

and specific actions should however be evaluated in relation to the composition of the waste. The waste empty dirt containers must be placed in an area specifically identified for their collection, pending the launch for disposal. The

area must be paved and equipped with a cover in order to prevent the washing away by atmospheric precipitation. The mixture, in case of such disposal which, under Directive 2008/98 / EC, can be disposed of physical chemical treatment facilities authorized, pursuant to national law, to withdraw the waste. IT IS NOT ALLOWED THE DISPOSAL BY THE DISCHARGE OF WASTEWATER.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous goods in sense of this transport regulation.

### 14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation. 14.3

### Transport hazard class(es)

No dangerous goods in sense of this transport regulation. 14.4 Packing group

No dangerous goods in sense of this transport regulation. 14.5

### Environmental hazards

No dangerous goods in sense of this transport regulation.

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## 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

EU legislation

The hazard of the mixture has been determined in accordance with Reg. (EC) No. 1272/2008 [CLP]. The eye hazard was determined by applying the bridging principles. Material Safety Data Sheet according to Reg. (EC) 830/2015. The surfactants used in this blend are biodegradable in accordance with Regulation (EC) 648/2004. Labeling according to Reg. (EC) No. 1272/2008 [CLP].

### 15.2 Chemical Safety Assessment

No information available.

## SECTION 16: Other information

### 16.1 Indication of changes

01. addition of uses · 02. Reg 648/2004/CE · 03. Hazardous ingredients 16. Addition of evaluation method

### 16.2 Abbreviations and acronyms

ADR: Accord européen relative au transport international des marchandises dangereuses par route ASTM: ASTM International, originariamente nota come American Society for Testing and Materials (ASTM)

EINECS: European Inventory of Existing Commercial Chemical Substances EC50: Effective Concentration 50 LC50: Lethal Concentration 50 IC50: Inhibitor Concentration 50 NOEL: No Observed Effect Level

DNEL: Derived No Effect Level

DMEL: Derived Minimum Effect Level

CLP: Classification, Labelling and Packaging

CSR: Chemical Safety Report

LD50: Lethal Dose 50

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

Codice IMDG: International Maritime Dangerous Goods code

PBT: Persistent, bioaccumulative and toxic

RID: Règlement concernant le transport International ferroviaire des marchandises Dangereuses

STEL: Short term exposure limit

TLV: Threshold limit value

TWA: Time Weighted Average UE: European Union vPvB: Very persistent very bioaccumulative N.D.: No data available.

N.A.: Not applicable

VwVwS.: Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (Verwaltungsvorschrift wassergefährdende Stoffe – VwVwS)

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008

[CLP]

Evaluation Method



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H319: The eye classification of this product was derived using bridging principles (such as dilution, interpolation within one hazard category or substantially similar mixtures; with or without expert judgement) following Article 9(3) and Article 9(4) of regulation (EC) No 1272/2008  
DET NET loggin number: DETNET/428.

H315: Calculation method

## 16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.

H315 H318	Causes skin irritation. Causes serious eye damage.
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H319	Causes serious eye irritation.	H412	Harmful to aquatic life with long lasting effects.
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## 16.6 Training advice

None

## 16.7 Additional information

None

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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.