

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## ROSS DISHFAST

Revision date: 15.11.2017

BR303

Page 1 of 10

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

#### 1.1. Product identifier

ROSS DISHFAST

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

##### Use of the substance/mixture

Washing and cleaning products (including solvent based products)

Professional use of dishwash products

Process categories [PROC]: 1, 2, 8, 9

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

Company name: ROSSARI BIOTECH LIMITED  
Street: Plot No. 10 & 11, Survey No.90/1/10 & 90/1/11/1, Kumbharwadi, Village Naroli  
Place: 396235 Silvassa, Dadra and Nagar Haveli (UT), India  
e-mail: info@rossarimail.com  
Internet: www.buzil-rossari.com & www.rossari.com

1.4. Emergency telephone number: +91-22-61233800/61233887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



##### Hazard statements

H319 Causes serious eye irritation.

##### Precautionary statements

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.

#### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## ROSS DISHFAST

Revision date: 15.11.2017

BR303

Page 2 of 10

### Hazardous components

| CAS No     | Chemical name  |              |                  | Quantity    |
|------------|--|--------------|------------------|-------------|
|            | EC No  | Index No     | REACH No         |             |
|            | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |              |                  |             |
| 68439-51-0 | fatty alcohol polyalkoxylate   |              |                  | 10 - < 15 % |
|            | Aquatic Chronic 3; H412  |              |                  |             |
| 112-34-5   | 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether   |              |                  | 5 - < 10 %  |
|            | 203-961-6  | 603-096-00-8 | 01-2119475104-44 |             |
|            | Eye Irrit. 2; H319   |              |                  |             |
| 77-92-9    | citric acid  |              |                  | 1 - < 5 %   |
|            | 201-069-1  |              | 01-2119457026-42 |             |
|            | Eye Irrit. 2; H319   |              |                  |             |
| 15763-76-5 | sodium cumene sulfonate  |              |                  | 1 - < 5 %   |
|            | 239-854-6  |              | 01-2119489411-37 |             |
|            | Eye Irrit. 2; H319   |              |                  |             |
| 26172-55-4 | Methylchloroisothiazolinone  |              |                  | < 0.1 %     |
|            | Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, STOT SE 3, Aquatic Acute 1; H301 H311 H314 H317 H335 H400 |              |                  |             |

Full text of H and EUH statements: see section 16.

### Labelling for contents according to Regulation (EC) No 648/2004

5 % - < 15 % non-ionic surfactants, preservation agents (Methylchloroisothiazolinone, Methylisothiazolinone).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

Take off contaminated clothing and wash it before reuse.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

Do NOT induce vomiting.

### 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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**ROSS DISHFAST**

Revision date: 15.11.2017

BR303

Page 3 of 10

**Suitable extinguishing media**

Water spray jet  
alcohol resistant foam  
Carbon dioxide  
Extinguishing powder

**Unsuitable extinguishing media**

High power water jet

**5.2. Special hazards arising from the substance or mixture**

Hazardous combustion products:  
Carbon dioxide  
Carbon monoxide

**5.3. Advice for firefighters**

Co-ordinate fire-fighting measures to the fire surroundings.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment.  
Avoid contact with skin, eyes and clothes.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.  
Do not allow to enter into soil/subsoil.

**6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Personal protection equipment: see section 8  
Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothes.  
Do not mix with other chemicals.  
Use personal protection equipment.  
When using do not eat, drink or smoke.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

**Advice on storage compatibility**

No special measures are necessary.

**7.3. Specific end use(s)**

There are no data available on the mixture itself.

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## ROSS DISHFAST

Revision date: 15.11.2017

BR303

Page 4 of 10

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

| CAS No   | Substance                 | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|----------|---------------------------|-----|-------------------|-----------|---------------|--------|
| 112-34-5 | 2-(2-Butoxyethoxy)ethanol | 10  | 67.5              |           | TWA (8 h)     | WEL    |
|          |                           | 15  | 101.2             |           | STEL (15 min) | WEL    |

##### DNEL/DMEL values

| CAS No                   | Substance               | Exposure route | Effect   | Value                  |
|--------------------------|-------------------------|----------------|----------|------------------------|
| 15763-76-5               | sodium cumene sulfonate |                |          |                        |
| Worker DNEL, long-term   |                         | dermal         | systemic | 7,6 mg/kg bw/day       |
| Worker DNEL, long-term   |                         | inhalation     | systemic | 53,6 mg/m <sup>3</sup> |
| Consumer DNEL, long-term |                         | dermal         | systemic | 3,8 mg/kg bw/day       |
| Consumer DNEL, long-term |                         | inhalation     | systemic | 13,2 mg/m <sup>3</sup> |
| Consumer DNEL, long-term |                         | oral           | systemic | 3,8 mg/kg bw/day       |

##### PNEC values

| CAS No   | Substance               | Value    |
|--|-------------------------|----------|
| Environmental compartment                        |                         |          |
| 77-92-9  | citric acid             |          |
|  |                         |          |
| 15763-76-5                                       | sodium cumene sulfonate |          |
| Micro-organisms in sewage treatment plants (STP) |                         | 100 mg/l |

#### 8.2. Exposure controls

##### Protective and hygiene measures

- Take off contaminated clothing.
- Wash hands before breaks and after work.
- When using do not eat, drink or smoke.

##### Eye/face protection

Wear eye protection/face protection. (EN 166)

##### Hand protection

- When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.
- Suitable material: NBR (Nitrile rubber).
- Breakthrough time (maximum wearing time) >480 min.
- A survey of suitable brands with detailed information on breakthrough times is available upon request.

##### Skin protection

Wear suitable work clothing.

##### Respiratory protection

Usually no personal respiratory protection necessary.

## ROSS DISHFAST

Revision date: 15.11.2017

BR303

Page 5 of 10

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

|  |                |                        |
|--|----------------|------------------------|
| Physical state:                          | liquid         |                        |
| Colour:                                  |                |                        |
| Odour:                                   | characteristic |                        |
|  |                | <b>Test method</b>     |
| pH-Value (at 20 °C):                     |                | 2                      |
| <b>Changes in the physical state</b>     |                |                        |
| Melting point:                           |                | approx. 0 °C           |
| Initial boiling point and boiling range: |                | approx. 100 °C         |
| Flash point:                             |                | > 60 °C                |
| <b>Flammability</b>                      |                |                        |
| Solid:                                   |                | not applicable         |
| Gas:                                     |                | not applicable         |
| Lower explosion limits:                  |                | not determined         |
| Upper explosion limits:                  |                | not determined         |
| <b>Auto-ignition temperature</b>         |                |                        |
| Solid:                                   |                | not applicable         |
| Gas:                                     |                | not applicable         |
| Decomposition temperature:               |                | not determined         |
| <b>Oxidizing properties</b>              |                |                        |
| Not oxidising.                           |                |                        |
| Vapour pressure:                         |                | not determined         |
| Density (at 25 °C):                      |                | 1,03 g/cm <sup>3</sup> |
| Water solubility:                        |                | miscible               |
| <b>Solubility in other solvents</b>      |                |                        |
| not determined                           |                |                        |
| Partition coefficient:                   |                | not determined         |
| Viscosity / dynamic:<br>(at 25 °C)       |                | < 10 mPa·s             |
| Vapour density:                          |                | not determined         |
| Evaporation rate:                        |                | not determined         |
| <b>9.2. Other information</b>            |                |                        |
| Solid content:                           |                | not determined         |

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

## 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## ROSS DISHFAST

Revision date: 15.11.2017

BR303

Page 6 of 10

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

The product is stable under storage at normal ambient temperatures.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

| CAS No     | Chemical name  |                  |         |        |        |
|------------|--|------------------|---------|--------|--------|
|            | Exposure route   | Dose             | Species | Source | Method |
| 68439-51-0 | fatty alcohol polyalkoxylate                                 |                  |         |        |        |
|            | oral   | LD50 >2000 mg/kg | Rat     |        |        |
| 112-34-5   | 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether |                  |         |        |        |
|            | oral   | LD50 >2000 mg/kg | Rat     | ATE    |        |
|            | dermal   | LD50 >2000 mg/kg | Rat     | ATE    |        |
|            | inhalative vapour  | LC50 >20 mg/l    | Rat     | ATE    |        |
| 77-92-9    | citric acid  |                  |         |        |        |
|            | oral   | LD50 3000 mg/kg  | Rat     | GESTIS |        |
|            | dermal   | LD50 >2000 mg/kg | Rat     |        |        |
|            | inhalative aerosol   | LC50 >5 mg/l     | Rat     | ATE    |        |
| 15763-76-5 | sodium cumene sulfonate                                      |                  |         |        |        |
|            | oral   | LD50 >7000 mg/kg | Rat     |        |        |
|            | dermal   | LD50 >2000 mg/kg | Rabbit  |        |        |
|            | inhalative vapour  | LC50 >20 mg/l    | Rat     | ATE    |        |
|            | inhalative aerosol   | LC50 >5 mg/l     | Rat     | ATE    |        |
| 26172-55-4 | Methylchloroisothiazolinone                                  |                  |         |        |        |
|            | oral   | ATE 100 mg/kg    |         |        |        |
|            | dermal   | ATE 300 mg/kg    |         |        |        |

#### Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

## ROSS DISHFAST

Revision date: 15.11.2017

BR303

Page 7 of 10

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information****12.1. Toxicity**

| CAS No     | Chemical name  |                  |           |                                      |        |        |
|------------|--|------------------|-----------|--------------------------------------|--------|--------|
|            | Aquatic toxicity   | Dose             | [h]   [d] | Species                              | Source | Method |
| 68439-51-0 | fatty alcohol polyalkoxylate                                 |                  |           |                                      |        |        |
|            | Acute fish toxicity  | LC50 >1-10 mg/l  | 96 h      | Poecilia reticulata (Guppy)          |        |        |
|            | Acute algae toxicity   | ErC50 >1-10 mg/l | 72 h      | Desmodesmus subspicatus              |        |        |
|            | Acute crustacea toxicity                                     | EC50 >1-10 mg/l  | 48 h      | Daphnia magna (Big water flea)       |        |        |
| 112-34-5   | 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether |                  |           |                                      |        |        |
|            | Acute fish toxicity  | LC50 2780 mg/l   | 96 h      | Pimephales promelas (fathead minnow) |        |        |
|            | Acute algae toxicity   | ErC50 > 100 mg/l |           | Scenedesmus subspicatus              |        |        |
|            | Acute crustacea toxicity                                     | EC50 4950 mg/l   | 48 h      | Daphnia magna (Big water flea)       |        |        |
| 77-92-9    | citric acid  |                  |           |                                      |        |        |
|            | Acute crustacea toxicity                                     | EC50 160 mg/l    | 48 h      |                                      | GESTIS |        |
|            | Algae toxicity   | NOEC 425 mg/l    | 7 d       | Scenedesmus quadricauda              |        |        |
| 15763-76-5 | sodium cumene sulfonate                                      |                  |           |                                      |        |        |
|            | Acute fish toxicity  | LC50 >1000 mg/l  | 96 h      |                                      |        |        |
|            | Acute crustacea toxicity                                     | EC50 >1000 mg/l  | 48 h      | Daphnia magna (Big water flea)       |        |        |
|            | Algae toxicity   | NOEC 31 mg/l     | 4 d       |                                      |        |        |

**12.2. Persistence and degradability**

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

## ROSS DISHFAST

Revision date: 15.11.2017

BR303

Page 8 of 10

| CAS No     | Chemical name  |       |    |        |
|------------|--|-------|----|--------|
|            | Method   | Value | d  | Source |
|            | Evaluation   |       |    |        |
| 68439-51-0 | fatty alcohol polyalkoxylate                                 |       |    |        |
|            | OECD TG 301 B  | >60%  | 28 |        |
|            | Readily biodegradable (according to OECD criteria).          |       |    |        |
| 112-34-5   | 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether |       |    |        |
|            | OECD 301   | >60%  | 28 |        |
|            | Readily biodegradable (according to OECD criteria).          |       |    |        |
| 77-92-9    | citric acid  |       |    |        |
|            | OECD 301   | 98%   | 2  |        |
|            | Readily biodegradable (according to OECD criteria).          |       |    |        |
| 15763-76-5 | sodium cumene sulfonate                                      |       |    |        |
|            | OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C                      | >60%  | 28 |        |
|            | Readily biodegradable (according to OECD criteria).          |       |    |        |

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**Partition coefficient n-octanol/water**

| CAS No     | Chemical name  | Log Pow |
|------------|--|---------|
| 112-34-5   | 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether | 0,56    |
| 77-92-9    | citric acid  | -1,57   |
| 15763-76-5 | sodium cumene sulfonate                                      | -1,1    |

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

**Waste disposal number of waste from residues/unused products**

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors  
Classified as hazardous waste.

**Waste disposal number of contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Non-contaminated packages may be recycled.



# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## ROSS DISHFAST

Revision date: 15.11.2017

BR303

Page 9 of 10

### SECTION 14: Transport information

#### Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of these transport regulations.

#### Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of these transport regulations.

#### Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of these transport regulations.

#### Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: No dangerous good in sense of these transport regulations.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No special measures are necessary.

#### 14.7. Transport in bulk according to Annex II of Marpol 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 regulatory information

Restrictions on use (REACH, annex XVII):

Entry 55: 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether

2010/75/EU (VOC): <30%

##### Additional information

Regulation (EC) No. 648/2004 (Detergents regulation)

##### National regulatory information

Water contaminating class (D): 2 - water contaminating

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## ROSS DISHFAST

Revision date: 15.11.2017

BR303

Page 10 of 10

Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:

PROC 1: Use in closed processes.

PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC 4: Chemical production where opportunity for exposure arises

PROC 7: Industrial spraying

PROC 8 (Transfer): Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10 (Roller application or brushing): Processing without large-scale spraying.

PROC 11 (Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).

PROC 13: Treatment of articles by dipping and pouring

PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection.

### Relevant H and EUH statements (number and full text)

|      |  |
|------|--|
| H301 | Toxic if swallowed.                                |
| H311 | Toxic in contact with skin.                        |
| H314 | Causes severe skin burns and eye damage.           |
| H317 | May cause an allergic skin reaction.               |
| 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. |

### Further Information

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.

---

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*