



**Murotti Angelo srl**

Version no. 4

Revision date 24/2/2017

**ASCOR EXPRESS L11.3**

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## Safety Data Sheet

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

#### 1.1. Product identification

Name **ASCOR EXPRESS L11.3**

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

Description/Use **Special detergent for cappuccino maker cleaning**

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

Company name **Murotti Angelo srl**  
Address **Via Caduti di Sabbiuno, 69**  
City and Country **40053 Loc. Bazzano- VALSAMOGGIA (BO)**  
**Italy**  
**tel. 051 832255**  
**fax 051 832956**

e-mail of the competent person,  
person responsible for the safety data sheet **murotti.ascor@libero.it**

#### 1.4. Emergency telephone number

For urgent information contact **Poison Center: 02/66101029- Company headquarters: tel 051/832255**

### SECTION 2. Hazards identification

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

The product is classified as hazardous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and amendments). Therefore the product requires a safety data sheet according to the provisions of Regulation (EC) 1907/2006 and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Classification and hazard statements:

Eye irritant, category 2 H319 Causes serious eye irritation.

#### 2.2. Labeling elements.

Danger identification pursuant to Regulation (EC) 1272/2008 (CLP) and subsequent amendments.



Warnings: Warning



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Hazard statements:

**H319** Causes serious eye irritation.

Precautionary statements:

**P264** Wash thoroughly with water after handling.  
**P280** Wear eye and face protection.  
**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.

The classification of this product, which has an extremely high pH value, is based on the results of appropriate in-vitro tests.

### 2.3. Other hazards.

According to the available data, the product does not contain PBT or vPvB substances in a percentage higher than 0.1%.

## SECTION 3. Ingredients/composition information.

### 3.1. Substances.

Information non applicable.

### 3.2. Mixtures.

Contains:

| Identification.                                                                                                                             | Conc. %. | Classification 1272/2008 (CLP).                       |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------|
| <b>TETRASODIUM ETHYLENEDIAMINETETRAACETATE</b><br>CAS. 64-02-8<br>EC. 200-573-9<br>INDEX. 607-428-00-2<br>Nr. Reg. 01-2119486762-27         | 0 - 5    | Acute Tox. 4 H302, Acute Tox. 4 H332, Eye Dam. 1 H318 |
| <b>Alcan C6-C8 (div. numeration),1-sulphonic acid, sodium salt</b><br>CAS. -<br>EC. 939-625-8<br>INDEX. -<br>Nr. Reg. 01-2119985168-23-0000 | 0 - 5    | Eye Irrit. 2 H319, Skin Irrit. 2 H315                 |

Note: Upper range value excluded.

The full text of the hazard statements (H) is given in section 16 of the sheet.

## SECTION 4. First aid measures.

### 4.1. Description of first aid measures.



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There are no known episodes of injury to product users. If required, adopt the following general measures:

INHALATION: Take the person outside. If the person stops breathing, perform artificial respiration. Seek medical advice immediately.

INGESTION: Seek medical advice immediately. Induce vomiting only if directed to do so by the doctor. Never give anything by mouth if the person is unconscious.

EYES and SKIN: Wash with plenty of water. If the irritation persists, get medical advice.

#### **4.2. Most important symptoms and effects, both acute and delayed.**

There are no known health hazards caused by exposure to the product.

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

Information not available.

## **SECTION 5. Firefighting measures**

#### **5.1. Extinguishing media.**

APPROPRIATE EXTINGUISHING MEDIA

Use conventional extinction equipment: carbon dioxide, foam, powder and nebulized water.

INAPPROPRIATE EXTINGUISHING MEDIA

None in particular.

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

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Avoid inhaling any combustion products.

#### **5.3. Advice for firefighters.**

GENERAL INFORMATION

Cool the containers with jets of water to prevent product decomposition and the development of substances that are potentially hazardous for the health. Always wear full fire protection equipment. Collect all water used to extinguish the fire; this must not be drained into the mains sewer. Dispose of contaminated water used to extinguish the fire and other fire residues in compliance with the laws in force.

EQUIPMENT

Normal firefighting clothing, such as self-contained, open-circuit compressed air breathing apparatus (EN 137), flameproof suit (EN469), flameproof gloves (EN 659) and Fire Brigade boots (HO A29 or A30).

## **SECTION 6. Accidental release measures**



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

Use breathing equipment if powders or vapours are released into the air. These indications are valid for both workers during handling and emergency interventions.

#### **6.2. Environmental precautions**

Do not allow the product to penetrate into sewers, surface and ground waters.

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

Confine using earth or inert material Collect as much material as possible and eliminate the rest using jets of water. Contaminated material must be disposed of in compliance with the provisions laid down in point 13.

#### **6.4. Reference to other sections**

Any information concerning personal protection and disposal are given in sections 8 and 13.

## **SECTION 7. Handling and storage**

#### **7.1. Precautions for safety handling**

DO NOT store in containers other than the original one; risk of fatal errors if exchanged for foodstuffs.

Consult all sections of this safety data sheet before handling the product. Avoid release to the environment. Do not eat, drink or smoke during use.

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

Store the product in clearly labeled containers. Keep the containers away from any incompatible materials, check section 10.

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

Information not available.

## **SECTION 8. Exposure controls/personal protection**

#### **8.1. Control parameters**

Information not available.



## 8.2. Exposure controls

### EYE PROTECTION

It is recommended to wear protective airtight goggles (ref. standard EN 166).

### HAND PROTECTION

In the case of foreseen prolonged contact with the product, it is recommended to protect the hands with penetration-resistant work gloves (ref. standard EN 374).

In choosing the material of the work gloves, the handling process of the product and any other derivate products must also be assessed. Also consider that latex gloves may cause allergic reactions.

### RESPIRATORY PROTECTION

It is recommended to use a P type filter face mask (ref. standard EN 149), or equivalent device, the class (1, 2 or 3) and effective need of which must be defined according to the result of the risk assessment.

Comply with ordinary safety measures applied to the handling of chemical substances.

### ENVIRONMENTAL EXPOSURE CONTROLS

Production process emissions, including those from ventilation equipment, must be checked in order to comply with environmental protection regulations.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                        |                |
|----------------------------------------|----------------|
| Physical state                         | Liquid         |
| Color                                  | Pale blue      |
| Odor                                   | Characteristic |
| Olfactory threshold.                   | Not available. |
| pH.                                    | 10.84 (sol.1%) |
| Melting or freezing point              | Not available. |
| Initial boiling point                  | Not available. |
| Boiling interval                       | Not available. |
| Flash point                            | Not available. |
| Evaporation rate                       | Not available. |
| Flammability of solids and gases       | non-flammable  |
| Lower flammability limit               | Not available. |
| Upper flammability limit               | Not available. |
| Lower explosive limit                  | Not available. |
| Upper explosive limit                  | Not available. |
| Vapor pressure                         | Not available. |
| Vapor density                          | Not available. |
| Relative density                       | 1.050 Kg/l     |
| Solubility                             | Soluble        |
| Partition coefficient: n-octanol/water | Not available. |
| Ignition temperature                   | Not available. |
| Decomposition temperature              | Not available. |
| Viscosity                              | Not available. |
| Explosive properties                   | Not available. |
| Oxidizing properties                   | Not available. |

### 9.2. Other information

|                             |        |   |      |          |
|-----------------------------|--------|---|------|----------|
| VOC (Directive 1999/13/EC): | 0.05 % | - | 0.54 | g/liter. |
| VOC (volatile carbon):      | 0.03 % | - | 0.28 | g/liter. |

## SECTION 10. Stability and reactivity



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#### **10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

#### **10.2. Chemical stability**

The product is stable in normal conditions of use and storage.

#### **10.3. Possibility of hazardous reactions**

No hazardous reactions are foreseeable in normal conditions of use and storage.

#### **10.4. Conditions to avoid**

Avoid overheating.

#### **10.5. Incompatible materials**

Strong reducing and oxidizing agents, strong acids and alkalies, high temperature materials.

#### **10.6. Hazardous decomposition products**

Information not available.

### **SECTION 11. Toxicological information**

#### **11.1. Information on toxicological effects**

No toxicity values were determined on the product itself. What follow are the toxicological data of individual hazardous substances that may be mentioned in sect. 3. Their concentration in the preparation must be considered, in order to assess the toxicological effects deriving from the exposure to the product, .

Acute effects: contact with eyes causes irritation; symptoms may include: reddening, oedema, pain and lacrimation. Ingestion can cause health problems, including abdominal pain, heartburn, nausea and vomiting.

Tetrasodio etilendiamminotetracetato: DL50 (oral ratt) sup. 2000 mg/kg

Alcan C6-C8 (div. Numerazioni), 1-sulphonic acid, sodium salt: DL50 (oral ratt) sup 1550 mg/kg



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## SECTION 12. Ecological information

### 12.1. Toxicity

Information not available.

### 12.2. Persistence and degradability

The product contains substances that meet the biodegradability requirements laid down in Reg 648/04/EC.

### 12.3. Bioaccumulative potential

Information not available.

### 12.4. Mobility in the soil

Information not available.

### 12.5. Results of PBT and vPvB assessment

According to the available data, the product does not contain PBT or vPvB substances in a percentage higher than 0.1%.

### 12.6. Other adverse effects

Information not available.

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

The product must be disposed of by an authorized waste management company, in compliance with the national and any local laws. Do not release the product into the ground, the sewers or waterways under any circumstances.

## SECTION 14. Transport information

### 14.1. UN number.

Not applicable.

### 14.2. UN shipping number.

Not applicable.



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**14.3. Transport hazard classes.**

Not applicable.

**14.4. Packing group.**

Not applicable.

**14.5. Environmental hazards.**

Not applicable.

**14.6. Special precautions for users.**

Not applicable.

**14.7. Bulk transport according to annex II of MARPOL 73/78 and the IBC code.**

Information non applicable.

## SECTION 15. Regulatory information

Composition (648/04/EC): less than 5%: phosphonates, anionic tensioactives, non-ionic tensioactives; 5%-15%: EDTA.

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

Seveso category. None.

Restrictions to the product or the substances contained therein according to Annex XVII Regulation (EC) 1907/2006.

Product.  
Point. 3

Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorization (Annex XIV REACH).

None.



|                                                                                 |                            |                                                                  |
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Substances subject to export notification Reg. (EC) 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Health controls.

Workers exposed to this hazardous chemical agent must have their health monitored in accordance with the provisions of art. 41 of Italian Law (D.Lgs.) 81 of 9 April 2008 unless the worker's health and safety risk is deemed to be irrelevant, according to the provisions of art. 224 par. 2.

D.Lgs. 152/2006 and amendments.

Emissions:

TAB. D Class 4 00.05 %  
WATER 89.57 %

#### 15.2. Chemical safety assessment

No chemical safety assessment was drawn up for the mixture or the substances contained therein.

### SECTION 16. Other information

Hazard statements (H) referred to in sections 2-3 of the sheet:

|                      |                                |
|----------------------|--------------------------------|
| <b>Acute Tox. 4</b>  | Acute toxicity, category 4     |
| <b>Eye Dam. 1</b>    | Serious eye damage, category 1 |
| <b>Eye Irrit. 2</b>  | Eye irritant, category 2       |
| <b>Skin Irrit. 2</b> | Skin irritant, category 2      |
| <b>H302</b>          | Harmful if swallowed.          |
| <b>H332</b>          | Harmful if inhaled.            |
| <b>H318</b>          | Causes serious eye damage.     |
| <b>H319</b>          | Causes serious eye irritation. |
| <b>H315</b>          | Causes skin irritation.        |

KEY:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Half maximal effective concentration in the tested population
- EC NUMBER: Identification number in ESIS (European Chemical Substances Information System)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals
- IATA DGR: Dangerous Goods Regulations of the International Air Transport Association

|                                                                                 |                            |                                                                   |
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- IC50: Half maximal inhibitory concentration in the tested population
- IMDG: International Maritime Dangerous Goods Code
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational exposure level
- PBT: Persistent Bioaccumulative and Toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
- TLV: Threshold Limit Value
- TLV CEILING: Absolute exposure limit that should not be exceeded at any time.
- TWA STEL: Spot exposure limit
- TWA: Time weighted average exposure
- VOC: Volatile organic compound
- vPvB: Very Persistent and very Bio-accumulative according to REACH
- WGK: Water hazard class (Germany).

#### GENERAL REFERENCES:

1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
  2. Regulation (EU) 1272/2008 of the European Parliament (CLP)
  3. Regulation (EU) 790/2009 of the European Parliament (I Atp.) CLP
  4. Regulation (EU) 2015/830 of the European Parliament
  5. Regulation (EU) 286/2011 of the European Parliament (II Atp.) CLP
  6. Regulation (EU) 618/2012 of the European Parliament (III Atp.) CLP
  7. Regulation (EU) 487/2013 of the European Parliament (IV Atp.) CLP
  8. Regulation (EU) 944/2013 of the European Parliament (V Atp.) CLP
  9. Regulation (EU) 605/2014 of the European Parliament (VI Atp.) CLP
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - ECHA Agency website

#### User notes:

The information contained in this sheet is based on the knowledge available to the producer on the date of the last version. It is the user's responsibility to satisfy himself that the information is complete and suitable for his own particular use.

The document must not be interpreted as a guarantee of any specific properties of the product.

As the use of the product is not under the direct control of the producer, the user is responsible for ensuring compliance with all hygiene and safety laws and provisions in force. No liability shall be accepted for improper use.

Train staff appropriately in the use of chemical products.

Amendments compared to the previous version.

Modifications have been made to the following sections:

2,11

|                                                                                 |                            |                                                                   |
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#### APPENDIX: EXPOSURE SCENARIOS - No.1

#### PHASE: TRANSFER OF THE PROFESSIONAL PRODUCT INTO CONTAINER (BUCKET/MACHINE)

(ref AISE GEIS.8a .1.a.v1)- Open transfer of a concentrated product (with or without diluting); the worker is directly exposed to the product.

#### OPERATING CONDITIONS

|                    |                                                                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum duration   | 50 minutes/day                                                                                                                                                                                                                    |
| Process conditions | Process performed at room temperature<br>Dilute if required with tap water at a maximum temperature of 45 °C.<br>Local exhaust ventilation (LEV) is not required; generally efficient ventilation in the work place is sufficient |

#### RISK MANAGEMENT MEASURES

|                                                                                                       |                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conditions and measures concerning personal protective equipment (PPE), health and hygiene evaluation | Use gloves and protective goggles. See sect. 8 for specifications. Staff must be trained appropriately in use and maintenance<br> |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### GENERAL ADVICE

|                                                                                            |                                                                                      |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Do not eat, drink, smoke or use live flames                                                |  |
| Wash hands after use.<br>Avoid contact with damaged skin<br>Do not mix with other products |  |
| Leakage instructions                                                                       | Dilute with water and collect.                                                       |
| Additional advice                                                                          | Follow the instructions on the label, the technical sheet and the SDS in sect. 7.    |

ENVIRONMENTAL MEASURES: Prevent the non-diluted product from reaching surface water.

#### PRODUCT COMPOSITION PROPERTIES

|                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The classification of the concentrated product can be found on the label and in sect. 2 of the SDS                                                                                           |
| The product classification is based on the ingredient classification. The list of ingredients contributing to the product classification can be found in sect. 3 of the SDS.                 |
| The exposure evaluation is based on the key limit values of the ingredients indicated in sect. 8 of the SDS                                                                                  |
| The product may contain sensitizing components which may cause an allergic reaction in some people. Sect. 15 of the SDS lists these sensitizing components, where applicable to the product. |

#### USE DESCRIPTORSSU 22: Professional uses

|                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------|
| PC 35: Washing and cleaning products (including solvent-based products)                                                           |
| PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities |
| ERC 8a: Wide dispersive indoor use of processing aids in open systems                                                             |

|                                                                                 |                            |                                                                   |
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#### APPENDIX: EXPOSURE SCENARIOS - No. 4

**PHASE: USING A PROFESSIONAL PRODUCT IN A SEMI CLOSED SYSTEM (ref AISE GEIS 2.1.a.V1)**

Using a product in a machine where the worker could be exposed to the product/vapors

(e.g.: Tunnel washing)

#### OPERATING CONDITIONS

|                    |                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum duration   | 480 minutes/day                                                                                                                                           |
| Process conditions | Process performed at room temperature<br>Local exhaust ventilation (LEV) is not required; generally efficient ventilation in the work place is sufficient |

#### RISK MANAGEMENT MEASURES

|                                                                                                       |                                                |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Conditions and measures concerning personal protective equipment (PPE), health and hygiene evaluation | Personal protective equipment is not required. |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------|

#### GENERAL ADVICE

|                                                                                            |                                                                                     |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Do not eat, drink, smoke or use live flames                                                |   |
| Wash hands after use.<br>Avoid contact with damaged skin<br>Do not mix with other products |  |
| Leakage instructions                                                                       | Dilute with water and collect                                                       |
| Additional advice                                                                          | Follow the instructions on the label, the technical sheet and the SDS in sect. 7.   |

ENVIRONMENTAL MEASURES: Prevent the non-diluted product from reaching surface water

#### PRODUCT COMPOSITION PROPERTIES

|                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The classification of the concentrated product can be found on the label and in sect. 2 of the SDS                                                                                           |
| The product classification is based on the ingredient classification. The list of ingredients contributing to the product classification can be found in sect. 3 of the SDS.                 |
| The exposure evaluation is based on the key limit values of the ingredients indicated in sect. 8 of the SDS                                                                                  |
| The product may contain sensitizing components which may cause an allergic reaction in some people. Sect. 15 of the SDS lists these sensitizing components, where applicable to the product. |

#### USE DESCRIPTORS

|                                                                               |
|-------------------------------------------------------------------------------|
| SU 22: Professional uses                                                      |
| PC 35: Washing and cleaning products (including solvent-based products)       |
| PROC 2: Use in closed, continuous process with occasional controlled exposure |
| ERC 8a: Wide dispersive indoor use of processing aids in open systems         |