

PRODUTO: **ARLA REDUX 32**

Page 1 of 8

Data: 07/12/2020

Nº FISPQ: REDUX

Version: 0.0

Aborts and replaces version: all previous

1

1 Identification of the substance/mixture and of the company/undertaking

Product name: ARLA REDUX 32
 Company name: REDUX INDUSTRIA E COMERCIO LTDA
 CNPJ: 07.487.711/0002-62
 Address: ROD. GOV. MARIO COVAS - KM 160 CONJ 02 B. BEBEDOURO -
 Telephone: LINHARES- ES - CEP: 29.915-140
 Fax: (27) 3302-3302
 Emergency: (27) 3302-3302
 Customer service: (27) 99644-4223 Chemistry
 Website: www.redux.ind.br

2

2 Hazards identification

- **Classification of the substance or mixture**

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

- Classification system adopted: Norm ABNT-NBR 14725- 2:2009 – corrected version 2:2010.
 Globally Harmonised System for the Classification and Labelling of Chemicals, ONU.

- Other hazards: The product has no other hazards

3

3 Appropriate Labelling Elements

- Pictograms:



- Word of warning:

ATTENTION

- Danger phrases:

Causes skin irritation.
 Causes severe eye irritation.

- Precautionary phrases:

Wear protective gloves, protective clothing, eye protection and facial protection.
 IN CASE OF SKIN CONTACT: Wash with plenty of soap and water.
 IN CASE OF EYE CONTACT: Rinse with water for several minutes. In the case of contact lens use, remove them if it is easy. Keep rinsing.
 In case of skin irritation: Consult a doctor.
 If eye irritation persists: consult a doctor.
 Remove all contaminated clothing and wash it before using it again.

PRODUTO: **ARLA REDUX 32**

Page 2 of 8

Data: 07/12/2020

Nº FISPQ:

REDUX Version: 0.0

Aborts and replaces version: all previous

4 First aid measures

4.1. Description of first aid measures

Inhalation	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
Ingestion	do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information No additional symptoms or effects are anticipated.

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

Notes for the doctor Treat symptomatically.

5 Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use foam, carbon dioxide, dry powder or water fog to extinguish.

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire, toxic gases may be formed.

Hazardous combustion products Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during Use water spray to reduce vapours.

Firefighting

Special protective equipment for firefighters Use air-supplied respirator, gloves and protective goggles.

6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions Contain spillage with sand, earth or other suitable non-combustible material. Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13.

7 Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Provide adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at moderate temperatures in dry, well-ventilated area. Store in closed original container at temperatures between 0°C and 30°C. Do not use containers made of the following materials: Copper and its alloys. Galvanized containers.

7.3. Specific end use(s)

8 Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Urea

Long-term exposure limit (8-hour TWA): WEL No std.

Short-term exposure limit (15-minute): WEL No std.

PRODUTO: **ARLA REDUX 32**

Page 4 of 8

Data: 07/12/2020

Nº FISPQ:

REDUX Version: 0.0

Aborts and replaces version: all previous

WEL = Workplace Exposure Limit

Ingredient comments No exposure limits known for ingredient(s).

DNEL No DNEL information available.

PNEC No PNEC information available.

8.2. Exposure controls

Protective equipment

Appropriate engineering Provide adequate ventilation.

Controls

Eye/face protection protective equipment for Wear tight-fitting, chemical splash goggles or face shield. Personal

Eye and face protection should comply with European Standard EN166.

Hand protection Wear protective gloves. Wear protective gloves made of the following material: Polyvinyl chloride (PVC). To protect hands from chemicals.

Other skin and body protection Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures Provide eyewash station. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

9 Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Color	Colorless.
Odor	Slight
pH (concentrated solution):	10
Initial boiling point and range	103°C @
Relative density	1.085 / 1.09 @ 20°C
Solubility	Miscible with water.

PRODUTO: **ARLA REDUX 32**

Page 5 of 8

Data: 07/12/2020

Nº FISPQ:

REDUX Version: 0.0

Aborts and replaces version: all previous

Viscosity 1.4 mPa s @ 25°C

9.2. Other information

Refractive index 1.3814 - 1.3843

10 Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Product freezes at -11°C. Product starts to hydrolyze at 30°C.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Not known.

10.5. Incompatible materials

Materials to avoid Strong oxidizing agents. Nitrites

10.6. Hazardous decomposition products

Hazardous decomposition products Ammonia

11 Toxicological information

11.1. Information on toxicological effects

Inhalation Remove from contaminated area. Lay patient down. Keep warm and rested.

Ingestion Although ingestion is not thought to be harmful, the material may lead to discomforting effects by inducing gastrointestinal tract pain leading to nausea and vomiting. In an occupational setting, ingestion of insignificant quantities should not be a cause for concern.

PRODUTO: **ARLA REDUX 32**

Page 6 of 8

Data: 07/12/2020

Nº FISPQ:

REDUX Version: 0.0

Aborts and replaces version: all previous

Skin contact

Product can produce inflammation of the skin following prolonged contact or immersion. Skin contact is not thought to have harmful health effects, the material may still produce adverse effects following entry through wounds, lesions or abrasions, where a stinging sensation will be felt.

Eye contact

Although the material is not classed as an irritant, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness.

12 Ecological Information

12.1. Toxicity

Acute toxicity

fish LC₅₀, 96 hours: >6810 mg/l, Fish

12.2. Persistence and degradability

Persistence and degradability

The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility

No information available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

Other adverse effects

None known.

13 Disposal considerations

13.1. Waste treatment methods

General information

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods

Recycle containers wherever possible. This product is not classified as hazardous waste.

PRODUTO: **ARLA REDUX 32**

Page 7 of 8

Data: 07/12/2020

Nº FISPQ:

REDUX Version: 0.0

Aborts and replaces version: all previous

14 Transport information

General

The product is not covered by international regulations on the transport of dangerous goods(IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable

Annex II of MARPOL 73/78

and the IBC Code

15 Regulatory information

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

EU legislation Regulation

(EC) No 1272/2008 CLP.

Regulation (EC) No 1907/2006 REACH.

Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.



SAFETY DATA SHEET

PRODUTO: **ARLA REDUX 32**

Page 8 of 8

Data: 07/12/2020

Nº FISPQ:

REDUX Version: 0.0

Aborts and replaces version: all previous

16 Other information

General information Only trained personnel should use this material.

Revision comments none

review all sections to ensure familiarization with contents.

Issued by Quality Department

Revision date 30/05/2021

Revision 1 Approved.

Risk phrases in full Not classified.

Note 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 process. Such information is, to the best of the company's knowledge and belief, accurate

and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.

REDUX32® is a registered trademark of the REDUX, Brazil.