

# Safety Data Sheet

In accordance with EU 453/2010

Revised March 30, 2015

## 1. SUBSTANCE/PREPARATION AND COMPANY DESIGNATION

### 1.1 Trade Name/Product Name

E.KO IONISER 1501 <sup>TM</sup> ® (customs tariff number 8421 2100)

E.KO IONISER 1502 <sup>TM</sup> ® (customs tariff number 8421 2100)

E.KO IONISER 1503 <sup>TM</sup> ® (customs tariff number 8421 2100)

The product is a portable and self-contained water treatment plant with double wall safety container and is not pressurized and thus not subject to CE rules and regulations.

Material: PE-HD, PP

Additional information

The product is exempt from registration in accordance with the measures under Title II and VI and Article 2(9) of the REACH regulation.

### 1.2 Identified Uses

Absorbent, catalyst and/or ion exchange

### 1.3 Company Designation, Supplier

easymetal GmbH

Resselstraße 12

A-2120 Wolkersdorf

Phone: +43 2245 20 123

Fax: +43 2245 20 123 45

office@easymetal.com

### 1.4 Emergency Phone Numbers

Italy +39 (0) 2 95250555

Great Britain +44 (0) 191 4898181

France +33 88 736000

Spain +34 (9) 48822700

Belgium +32 (0) 3 5410016

Austria +43 (1) 4064343

Local poison centers

## 2. POSSIBLE HAZARDS/DANGERS

### 2.1 Product Classification

Classification in accordance with Regulation (EC) No. 1272/2008

The substance is not classified according to the CLP regulation

Classification in accordance with Directive 67/548/EEC or 1999/45/EC: n/a

Special hazards for people and the environment: n/a

### 2.2 Label Elements

Labeling in accordance with Regulation (EC) No. 1272/2008: n/a

Hazard pictogram: n/a

Signal word: n/a

Hazard notes: n/a

### 2.3 Other Hazards

Results of the PBT and vPvB assessment  
PBT: inapplicable  
vPvB: inapplicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is mixture

<u>Designation</u>	<u>Quantity</u>	<u>CAS No.</u>	<u>Classification EG1272/2008</u>
Water	> = 40 - < = 80%	7732-18-5	not classified
Polymer	> = 10 - < = 50%	69011-20-7	Eye cor/irr, 1, H318
Polymer	> = 10 - < = 50%	69011-18-3	Eye cor/irr, 1, H318

<u>Designation</u>	<u>Quantity</u>	<u>CAS No.</u>	<u>Classification 67/548/EWG</u>
Water	> = 40 - < = 80%	7732-18-5	not classified
Polymer	> = 10 - < = 50%	69011-20-7	Xi: R41
Polymer	> = 10 - < = 50%	69011-18-3	Xi: R41

## 4. FIRST AID MEASURES

### 4.1 Description of First Aid Measures

After eye contact:

Not applicable when used as intended. Flush eyes sufficiently with water while keeping eyelids open. Then consult physician (ophthalmologist) immediately.

After skin contact:

Not applicable when used as intended. Remove product mechanically. Wash the affected skin areas thoroughly with soap and water. In case of skin reaction, seek medical attention.

After inhalation:

Not applicable when used as intended. Take person outside to get fresh air; medical attention is required in case of respiratory complaints.

After ingestion:

Not applicable when used as intended. Rinse mouth with plenty of water. If you feel unwell, seek medical advice.

### 4.2 Most Important Acute and Delayed Symptoms and Effects

No other relevant information available.

### 4.3 Information on Immediate Medical Attention and Special Treatment

No other relevant information available.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media:

CO<sub>2</sub>, foam, dry powder, for larger fires also water spray.

**5.2. Special Product Hazards**

No data available

**5.3 Information on Firefighting**

In the event of a fire, wear self-contained breathing apparatus if and where necessary.

**5.4 Further Information**

No data available

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

Not required

**6.2 Environmental Precautions:** Dilute with plenty of water**6.3 Methods and Material for Containment and Cleaning**

Absorb with liquid-binding material (sand, diatomite, acid binder, universal binder, sawdust).

**6.4 References to Other Sections**

No dangerous substances are released.

Information for safe handling, see section 7.

Information about personal protective equipment, see section 8.

**7. HANDLING AND STORAGE****7.1 Precautions for Safe Handling**

No special measures required.

Information about fire and explosion protection:

No special measures required.

**7.2 Conditions for Safe Storage and Consideration of Incompatib**

Storage:

Requirement for storage rooms and vessels: No special requirements.

Indication for combined storage: not required

Further information about storage conditions: none

Storage class: 10

Classification according to Ordinance on Industrial Safety and Health (BetrSichV): -

**7.3 Specific End-Uses**

No other relevant information available.

**8. LIMITATION AND MONITORING OF EXPOSURE PERSONAL PROTECTIVE EQUIPMENT**

Additional information about design of technical systems:

No further details, see section 7.

**8.1 Parameters to be Monitored**

Components with workplace-related limit values to be monitored: n/a

Additional notes: The lists valid during the preparation were used as a basis.

## 8.2 Limitation and Monitoring of Exposure/Personal Protective Equipment

Respiratory protection:

Not required when used as intended.

Eye protection:

Not required when used as intended.

Hand protection and material of gloves:

Not required when used as intended.

Technical protection measures (ventilation):

A ventilation system is not required when used as intended

## 9. PHYSICAL/CHEMICAL PROPERTIES

**Appearance:** Liquid, colorless

**Oder:** Odorless, possibly short-term ammonia-like odor

**pH-value:** Neutral

**Solubility:** Not soluble in water

**Boiling point:** 100°C

**Risk of explosion:** Not subject to explosions

**Self-ignition:** Not self-igniting

**Flash point:** Approx. 200°C

**Oxidizing properties:** Oxidizing agents, acids and bases

**Freezing point:** Not applicable

**Steam/vapor density:** Not applicable

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical Stability

Stable under recommended storage conditions

### 10.3 Possibility of Dangerous Reactions

No data available

### 10.4 Conditions to Avoid

No data available

### 10.5 Incompatible Materials

Starke Oxidationsmittel

### 10.6 Additional Decomposition Products

No data available

## 11. INFORMATION ON TOXICOLOGICAL EFFECTS

**Acute toxicity:** No data available

**Chemical burn/skin irritation:** No data available

**Serious eye damage/irritation:** No data available

**Respiratory or skin sensitization:** No data available

**Germ cell mutagenicity:** No data available

**Carcinogenicity: IARC:** No component of this product present in a concentration equal to or higher than 0.1% is identified by the IARC as a probable, potential or proven carcinogen for humans.

**Reproductive toxicity:** No data available

**Reproductive toxicity:** No data available

**Specific target organ toxicity - single exposure:** No data available

**Specific target organ toxicity - repeated exposure:** No data available

**Aspiration hazard:** No data available

**Additional information:** RTECS: No data available

## 12. ECOLOGICAL INFORMATION

**Toxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Results of the PBT and vPvB assessment:**

A PBT/vPvB assessment is not available since a chemical safety assessment has been carried out/is not required.

**Other adverse effects:** No data available

**Water hazard class:** The product is not classified as a water pollutant.

## 13. DISPOSAL INFORMATION

Disposal only to the supplier (owner). The device may not be distributed to third parties or non-licensed dealer. The product is 100% recyclable, therefore no disposal by a third party.

**Dealer information: +43 2245 20 123**

## 14. TRANSPORT INFORMATION

Not dangerous cargo. Keep separate from food and beverages

### 14.1 **UN-Number**

ADR, ADN, IMDG, IATA not required

### 14.2 **UN Proper Shipping Designation**

ADR, ADN, IMDG, IATA not required

**14.3 Transport Hazard Classes**

ADR/RID: Not dangerous goods  
ADN: Not dangerous goods  
IMDG: Not dangerous goods  
IATA: Not dangerous goods

**14.4 Packaging Group**

ADR, IMDG, IATA not required

**14.5 Environmental Hazards**

ADR/RID: no  
IMDG Marine pollutant: no  
IATA: no

**14.6 Special Precautions for Users**

No data available

**14.7 Bulk Goods Transport as per Annex II of MARPOL Agreement 73/78 and IBC-Code**

Not applicable

**14.8 Additional Information**

ADR comments: Not a hazardous material in accordance with RID/ADR/GGVS  
UN „Model Regulation“: -

**15. LEGISLATION****15.1 Safety, Health and Environmental Rules and Regulations/Legislation Specific to the Substance or Mixture**

European inventory of existing substances currently available on the market (EINECS)  
The components of this product are listed in the EINECS or are subject to exception rules for this inventory.

**15.2 Safety Assessment**

Not applicable

**15.3 Water Hazard Class**

Generally not a water pollutant.

**16. ADDITIONAL INFORMATION****Hazard note in section 3**

H318 causes severe eye damage

**R phrases in section 3**

R41 risk of serious damage to eyes

All data and information refer to the device E.KO IONISER™ ® 1501/1502/1503 and not to specific individual components.

The data and information is based on the present state of our knowledge; however, they represent no assurance of product features and do not establish a legal contractual relationship. They only refer to the designated product and may no longer apply if the product is used along with other materials or in a handling or operational process. Users must verify for themselves that all statements are appropriate and complete for their application or usage.

All older versions are no longer valid.

## ABBREVIATIONS AND ACRONYMS

**RID:** Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

**ICAO:** International Civil Aviation Organization

**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

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)