SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: Magnesium, powder or turnings
   CAS: 7439-95-4
   EC: 231-104-6
   Index: 012-002-00-9
   REACH: 01-2119537203-49-XXXX
   Formula: Mg
   Molecular weight: 24.31

1.2 Relevant identified uses of the substance or mixture and uses advised against:
   Relevant uses: Chemical sample for use in laboratories. For professional user/industrial user only.
   Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:
   Scientific & Chemical Supplies Limited
   Carlton House, Livingstone Road
   WV14 0QZ Bilston - England
   Phone.: +44 (0) 1902 402402 - Fax: +44 (0) 1902 402343
   customerservices@scichem.com
   www.scichem.com

1.4 Emergency telephone number: +44 (0) 7919 258 784

SECTION 2: HAZARDS IDENTIFICATION **

2.1 Classification of the substance or mixture:
   CLP Regulation (EC) No 1272/2008:
   Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
   Flam. Sol. 1: Flammable solids, Category 1, H228
   Self-heat. 1: Spontaneously heating substances and mixtures, Category 1, H251
   Water-react. 2: Substances and mixtures giving off flammable gases when wet, Category 2, H261

2.2 Label elements:
   CLP Regulation (EC) No 1272/2008:
   Danger

   Hazard statements:
   Flam. Sol. 1: H228 - Flammable solid
   Self-heat. 1: H251 - Self-heating: may catch fire
   Water-react. 2: H261 - In contact with water releases flammable gases

   Precautionary statements:
   P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking
   P231+P232: Handle and store contents under inert gas. Protect from moisture
   P280: Wear protective gloves/protective clothing/eye protection/face protection
   P302+P355+P334: IF ON SKIN: Brush off loose particles from skin. Immerse in cool water
   P370+P378: In case of fire: Use ABC powder extinguisher to extinguish
   P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively

2.3 Other hazards:
   Product fails to meet PBT/vPvB criteria

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:
   Chemical description: Metals
Magnesium Metal Turnings

SECTON 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Components:
In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

<table>
<thead>
<tr>
<th>Identification</th>
<th>Chemical name/Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 7439-95-4</td>
<td>Magnesium, powder or turnings</td>
<td></td>
</tr>
<tr>
<td>EC: 231-104-6</td>
<td>Reg. 1272/2008</td>
<td></td>
</tr>
<tr>
<td>Index 012-002-0099</td>
<td>Flam. Sol. 1: H228; Self-heat. 1: H251; Water-react. 2: H261 - Danger</td>
<td>ATP CLP00</td>
</tr>
</tbody>
</table>

To obtain more information on the hazards of the substances consult sections 8, 11, 12, 15 and 16.

3.2 Mixture:
Non-applicable

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:
The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:
This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:
In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety data Sheet

By eye contact:
This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

By ingestion/aspiration:
In case of consumption, seek immediate medical assistance showing the SDS for the product.

4.2 Most important symptoms and effects, both acute and delayed:
Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:
Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:
WARNING! In contact with water releases flammable gases. NEVER USE WATER TO EXTINGUISH THE FIRE. If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO2)

5.2 Special hazards arising from the substance or mixture:
Product that reacts with water producing extremely flammable gases.

5.3 Advice for firefighters:
Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:
Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

6.2 Environmental precautions:
This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

6.3 Methods and material for containment and cleaning up:
DO NOT USE WATER TO CLEAN.
Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:
See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:
A.- Precautions for safe manipulation
Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.
B.- Technical recommendations for the prevention of fires and explosions
Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.
C.- Technical recommendations to prevent ergonomic and toxicological risks
Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.
D.- Technical recommendations to prevent environmental risks
It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:
A.- Technical measures for storage
Store in a cool, dry, well-ventilated location
B.- General conditions for storage
Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):
Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:
Substances whose occupational exposure limits have to be monitored in the workplace (EH40/2005 Workplace exposure limits):
Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

DNEL (Workers):

<table>
<thead>
<tr>
<th>Identification</th>
<th>Short exposure</th>
<th>Long exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Systemic</td>
<td>Local</td>
</tr>
<tr>
<td>Magnesium, powder or turnings</td>
<td>Oral</td>
<td>Non-applicable</td>
</tr>
<tr>
<td>CAS: 7439-95-4</td>
<td>Dermal</td>
<td>Non-applicable</td>
</tr>
<tr>
<td>EC: 231-104-6</td>
<td>Inhalation</td>
<td>Non-applicable</td>
</tr>
</tbody>
</table>

DNEL (General population):

<table>
<thead>
<tr>
<th>Identification</th>
<th>Short exposure</th>
<th>Long exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Systemic</td>
<td>Local</td>
</tr>
<tr>
<td>Magnesium, powder or turnings</td>
<td>Oral</td>
<td>Non-applicable</td>
</tr>
<tr>
<td>CAS: 7439-95-4</td>
<td>Dermal</td>
<td>Non-applicable</td>
</tr>
<tr>
<td>EC: 231-104-6</td>
<td>Inhalation</td>
<td>Non-applicable</td>
</tr>
</tbody>
</table>
**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

**PNEC:**

<table>
<thead>
<tr>
<th>Identification</th>
<th>STP</th>
<th>Fresh water</th>
<th>0.41 mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium, powder or turnings</td>
<td>10.8 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS: 7439-95-4</td>
<td>Soil</td>
<td>Marine water</td>
<td>0.41 mg/L</td>
</tr>
<tr>
<td>EC: 231-104-6</td>
<td>Intermittent</td>
<td>1.4 mg/L</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oral</td>
<td>Sediment (Fresh water)</td>
<td>268 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sediment (Marine water)</td>
<td>268 mg/kg</td>
</tr>
</tbody>
</table>

**8.2 Exposure controls:**

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,…) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>PPE</th>
<th>Labelling</th>
<th>CEN Standard</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandatory hand protection</td>
<td>NON-disposable chemical protective gloves (NBR), Breakthrough Time 480 min, thickness 0.12 mm</td>
<td></td>
<td>EN 374-1:2003 EN 374-3:2003/AC:2006 EN 420:2003+A1:2009</td>
<td>The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin.</td>
</tr>
</tbody>
</table>

D.- Ocular and facial protection

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>PPE</th>
<th>Labelling</th>
<th>CEN Standard</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandatory face protection</td>
<td>Panoramic glasses against splash/projections.</td>
<td></td>
<td>EN 166:2001 EN ISO 4007:2012</td>
<td>Clean daily and disinfect periodically according to the manufacturer’s instructions. Use if there is a risk of splashing.</td>
</tr>
</tbody>
</table>

E.- Body protection

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>PPE</th>
<th>Labelling</th>
<th>CEN Standard</th>
<th>Remarks</th>
</tr>
</thead>
</table>

F.- Additional emergency measures

<table>
<thead>
<tr>
<th>Emergency measure</th>
<th>Standards</th>
<th>Emergency measure</th>
<th>Standards</th>
</tr>
</thead>
</table>

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**Volatile organic compounds:**

With regard to Directive 2010/75/EU, this product has the following characteristics:

- V.O.C. (Supply): 0 % weight
- V.O.C. density at 20 ºC: 0 kg/m³ (0 g/L)
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Average carbon number: Non-applicable
Average molecular weight: Non-applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:
For complete information see the product datasheet.

Appearance:
Physical state at 20 ºC: Solid
Appearance: Not available
Colour: Grey
Odour: Odourless
Odour threshold: Non-applicable *

Volatile:
Boiling point at atmospheric pressure: Non-applicable *
Vapour pressure at 20 ºC: Non-applicable *
Vapour pressure at 50 ºC: Non-applicable *
Evaporation rate at 20 ºC: Non-applicable *

Product description:
Density at 20 ºC: 1760 kg/m³
Relative density at 20 ºC: 1.76
Dynamic viscosity at 20 ºC: Non-applicable *
Kinematic viscosity at 20 ºC: Non-applicable *
Kinematic viscosity at 40 ºC: Non-applicable *
Concentration: Non-applicable *
pH: Non-applicable *
Vapour density at 20 ºC: Non-applicable *
Partition coefficient n-octanol/water 20 ºC: Non-applicable *
Solubility in water at 20 ºC: Non-applicable *
Solubility properties: Immiscible
Decomposition temperature: Non-applicable *
Melting point/freezing point: 650 ºC
Explosive properties: Non-applicable *
Oxidising properties: Non-applicable *

Flammability:
Flash Point: Non-applicable
Flammability (solid, gas): H228 Flammable solid
Autoignition temperature: 510 ºC
Lower flammability limit: Not available
Upper flammability limit: Not available

9.2 Other information:
Surface tension at 20 ºC: Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.
Magnesium Metal Turnings

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

<table>
<thead>
<tr>
<th>Refraction index:</th>
<th>Non-applicable *</th>
</tr>
</thead>
</table>

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:
No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:
Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:
Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:
Applicable for handling and storage at room temperature:

<table>
<thead>
<tr>
<th>Shock and friction</th>
<th>Contact with air</th>
<th>Increase in temperature</th>
<th>Sunlight</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Self-heating: may catch fire</td>
<td>Not applicable</td>
<td>Avoid direct impact</td>
<td>In contact with water releases flammable gases</td>
</tr>
</tbody>
</table>

10.5 Incompatible materials:

<table>
<thead>
<tr>
<th>Acids</th>
<th>Water</th>
<th>Oxidising materials</th>
<th>Combustible materials</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avoid strong acids</td>
<td>In contact with water releases flammable gases</td>
<td>Avoid direct impact</td>
<td>Not applicable</td>
<td>Avoid alkalis or strong bases</td>
</tr>
</tbody>
</table>

10.6 Hazardous decomposition products:
See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:
The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:
In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):
- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

B- Inhalation (acute effect):
- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):
- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
  IARC: Non-applicable
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

- CONTINUED ON NEXT PAGE -
SECTION 11: TOXICOLOGICAL INFORMATION (continued)

E- Sensitizing effects:
   - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
   - Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:
   Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:
   - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
   - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

H- Aspiration hazard:
   Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

Other information:
Non-applicable

Specific toxicology information on the substances:
Not available

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:
Not available

12.2 Persistence and degradability:
Not available

12.3 Bioaccumulative potential:
Not available

12.4 Mobility in soil:
Not available

12.5 Results of PBT and vPvB assessment:
Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects:
Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Waste class (Regulation (EU) No 1357/2014)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 05 06*</td>
<td>laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals</td>
<td>Dangerous</td>
</tr>
</tbody>
</table>

Type of waste (Regulation (EU) No 1357/2014):
HP3 Flammable

Waste management (disposal and evaluation):
Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC, The Waste Regulations 2011, 2011 No. 988). As under 15 01 (2014/955/EU) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.
SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Regulations related to waste management:
In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:
With regard to ADR 2017 and RID 2017:

<table>
<thead>
<tr>
<th>14.1</th>
<th>UN number:</th>
<th>UN1869</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2</td>
<td>UN proper shipping name:</td>
<td>MAGNESIUM or MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons</td>
</tr>
<tr>
<td>14.3</td>
<td>Transport hazard class(es):</td>
<td>4.1</td>
</tr>
<tr>
<td></td>
<td>Labels:</td>
<td>4.1</td>
</tr>
<tr>
<td>14.4</td>
<td>Packing group:</td>
<td>III</td>
</tr>
<tr>
<td>14.5</td>
<td>Environmental hazards:</td>
<td>No</td>
</tr>
<tr>
<td>14.6</td>
<td>Special precautions for user</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Special regulations:</td>
<td>59</td>
</tr>
<tr>
<td></td>
<td>Tunnel restriction code:</td>
<td>E</td>
</tr>
<tr>
<td></td>
<td>Physico-Chemical properties:</td>
<td>see section 9</td>
</tr>
<tr>
<td></td>
<td>Limited quantities:</td>
<td>5 kg</td>
</tr>
</tbody>
</table>

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:
Non-applicable

Transport of dangerous goods by sea:
With regard to IMDG 38-16:

<table>
<thead>
<tr>
<th>14.1</th>
<th>UN number:</th>
<th>UN1869</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2</td>
<td>UN proper shipping name:</td>
<td>MAGNESIUM or MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons</td>
</tr>
<tr>
<td>14.3</td>
<td>Transport hazard class(es):</td>
<td>4.1</td>
</tr>
<tr>
<td></td>
<td>Labels:</td>
<td>4.1</td>
</tr>
<tr>
<td>14.4</td>
<td>Packing group:</td>
<td>III</td>
</tr>
<tr>
<td>14.5</td>
<td>Environmental hazards:</td>
<td>No</td>
</tr>
<tr>
<td>14.6</td>
<td>Special precautions for user</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Special regulations:</td>
<td>59, 920</td>
</tr>
<tr>
<td></td>
<td>EmS Codes:</td>
<td>F-G, S-G</td>
</tr>
<tr>
<td></td>
<td>Physico-Chemical properties:</td>
<td>see section 9</td>
</tr>
<tr>
<td></td>
<td>Limited quantities:</td>
<td>5 kg</td>
</tr>
<tr>
<td></td>
<td>Segregation group:</td>
<td>Non-applicable</td>
</tr>
</tbody>
</table>

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:
Non-applicable

Transport of dangerous goods by air:
With regard to IATA/ICAO 2018:

<table>
<thead>
<tr>
<th>14.1</th>
<th>UN number:</th>
<th>UN1869</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2</td>
<td>UN proper shipping name:</td>
<td>MAGNESIUM or MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons</td>
</tr>
<tr>
<td>14.3</td>
<td>Transport hazard class(es):</td>
<td>4.1</td>
</tr>
<tr>
<td></td>
<td>Labels:</td>
<td>4.1</td>
</tr>
<tr>
<td>14.4</td>
<td>Packing group:</td>
<td>III</td>
</tr>
<tr>
<td>14.5</td>
<td>Environmental hazards:</td>
<td>No</td>
</tr>
<tr>
<td>14.6</td>
<td>Special precautions for user</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physico-Chemical properties:</td>
<td>see section 9</td>
</tr>
</tbody>
</table>

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:
Non-applicable
SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):


Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009), SI 2009 No 1348

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) Regulations 2011, 2011 No. 1885

Control of Substances Hazardous to Health Regulations 2002 (as amended)

EH40/2005 Workplace exposure limits

The Waste Regulations 2011, 2011 No. 988

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.: CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Precautionary statements

Texts of the legislative phrases mentioned in section 2:

H228: Flammable solid
H251: Self-heating: may catch fire
H261: In contact with water releases flammable gases

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Flam. Sol. 1: H228 - Flammable solid
Self-heat. 1: H251 - Self-heating: may catch fire
Water-react. 2: H261 - In contact with water releases flammable gases

Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:
SECTION 16: OTHER INFORMATION (continued)

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient
Koc: Partition coefficient of organic carbon

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.