

**REDUCER ® F121**

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

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

**1.1 Product identifier**

Trade name : REDUCER ® F121

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

Use of the Substance/Mixture : Thinner

**1.3 Details of the supplier of the safety data sheet**

Company : ELANTAS Europe S.r.l.  
Strada Antolini 1  
43044 Collecchio  
Italy  
Telephone : +3907363081  
Telefax : +390736402746  
E-mail address : msds.elantas.europe@altana.com

**1.4 Emergency telephone number**

+39 0736 3081 (8-17 h)

---

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

|   |  |
|---|--|
| Flammable liquids , Category 3  | H226: Flammable liquid and vapour.                                       |
| Skin irritation , Category 2  | H315: Causes skin irritation.  |
| Eye irritation , Category 2   | H319: Causes serious eye irritation.                                     |
| Specific target organ toxicity - single exposure , Category 3, Central nervous system | H336: May cause drowsiness or dizziness.                                 |
| Specific target organ toxicity - single exposure , Category 3, Respiratory system     | H335: May cause respiratory irritation.                                  |
| Specific target organ toxicity - repeated exposure , Category 2                       | H373: May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard , Category 1  | H304: May be fatal if swallowed and enters airways.                      |
| Chronic aquatic toxicity , Category 2   | H411: Toxic to aquatic life with long lasting effects.                   |

**REDUCER® F121**

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

Hazard pictograms :



Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
P273 Avoid release to the environment.  
**Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:  
aromatic hydrocarbons, C9-12, benzene distn.

Xylene, mixture of isomers

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

Chemical nature : Mixture of solvents

**Hazardous components**

| Chemical name | CAS-No. | Classification | Concentration |
|---------------|---------|----------------|---------------|
|---------------|---------|----------------|---------------|

## REDUCER ® F121

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

|   | EC-No.<br>Registration number               | (REGULATION<br>(EC) No<br>1272/2008)   | (%)            |
|---|---|--|----------------|
| aromatic hydrocarbons, C9-12,<br>benzene distn. | 92062-36-7<br>295-551-9<br>01-2119555277-32 | Flam. Liq.3; H226<br>STOT SE3; H335,<br>H336<br>Asp. Tox.1; H304<br>Aquatic Chronic2;<br>H411  | >= 30 - < 50   |
| Hydrocarbons, C9, aromatics                     | Not Assigned<br><br>01-2119455851-35        | Flam. Liq.3; H226<br>STOT SE3; H335,<br>H336<br>Asp. Tox.1; H304<br>Aquatic Chronic2;<br>H411  | >= 30 - < 50   |
| Xylene, mixture of isomers                      | 1330-20-7<br>215-535-7<br>01-2119488216-32  | Flam. Liq.3; H226<br>Acute Tox.4; H332<br>Acute Tox.4; H312<br>Skin Irrit.2; H315<br>Eye Irrit.2; H319<br>STOT SE3; H335<br>STOT RE2; H373<br>Asp. Tox.1; H304 | >= 10 - < 12,5 |
| Reaction mass of ethyl benzene<br>and xylene    | Not Assigned<br><br>01-2119539452-40        | Flam. Liq.3; H226<br>Acute Tox.4; H332<br>Acute Tox.4; H312<br>Skin Irrit.2; H315<br>Eye Irrit.2; H319<br>STOT SE3; H335<br>STOT RE2; H373<br>Asp. Tox.1; H304 | >= 10 - < 12,5 |
| 4-hydroxy-4-methylpentan-2-one                  | 123-42-2<br>204-626-7<br>01-2119473975-21   | Eye Irrit.2; H319<br>STOT SE3; H335<br>Flam. Liq.3; H226   | >= 1 - < 3     |

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : Show this safety data sheet to the doctor in attendance.  
Treat symptomatically.  
Consult a physician.  
Do not leave the victim unattended.
- Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific  
personal protective equipment.  
Avoid inhalation, ingestion and contact with skin and eyes.
- If inhaled : Move to fresh air.  
Oxygen or artificial respiration if needed.  
If symptoms persist, call a physician.

## REDUCER ® F121

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

- If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off immediately with plenty of water for at least 15 minutes.  
Use a mild soap if available.  
Wash contaminated clothing before re-use.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Consult a physician.  
Keep eye wide open while rinsing.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Call a physician immediately.  
Gently wipe or rinse the inside of the mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : Drowsiness  
Nausea  
Central nervous system depression

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

- Treatment : The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

---

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet

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

- Specific hazards during firefighting : Warning: water promotes the spread of fire.  
Burning produces irritant fumes.  
The pressure in sealed containers can increase under the influence of heat.  
Exposure to decomposition products may be a hazard to health.

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment. Exposure to

## REDUCER ® F121

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

decomposition products may be a hazard to health.

Further information : Cool containers/tanks with water spray.  
Prevent fire extinguishing water from contaminating surface water or the ground water system.

---

### SECTION 6: Accidental release measures

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

Personal precautions : Keep people away from and upwind of spill/leak.  
Refer to protective measures listed in sections 7 and 8.  
Ensure adequate ventilation.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
Remove all sources of ignition.  
Make sure that there is a sufficient amount of neutralizing/absorbent material near the storage area.  
Mark the contaminated area with signs and prevent access to unauthorized personnel.

#### 6.2 Environmental precautions

Environmental precautions : Do not allow contact with soil, surface or ground water.  
Local authorities should be advised if significant spillages cannot be contained.  
Prevent spreading over a wide area (e.g. by containment or oil barriers).  
Retain and dispose of contaminated wash water.

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

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Sweep up and shovel into suitable containers for disposal.  
Clean contaminated surface thoroughly.

#### 6.4 Reference to other sections

For personal protection see section 8.

---

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.  
Ensure all equipment is electrically grounded before beginning transfer operations.  
Avoid inhalation, ingestion and contact with skin and eyes.  
Keep away from fire, sparks and heated surfaces.  
Keep container closed when not in use.

Advice on protection against : Take necessary action to avoid static electricity discharge

## REDUCER® F121

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

fire and explosion (which might cause ignition of organic vapours). Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Keep away from heat and sources of ignition.

Hygiene measures : Store personal protection equipment in a clean location away from the work area. Keep working clothes separately.

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

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Do not store together with explosives, gases, oxidizing solids, products which form flammable gases in contact with water, oxidizing products, infectious products and radioactive products.

Advice on common storage : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### 7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components                     | CAS-No.   | Value type (Form of exposure) | Control parameters               | Basis      |
|--------------------------------|---|-------------------------------|----------------------------------|------------|
| Xylene, mixture of isomers     | 1330-20-7   | TWA                           | 50 ppm<br>220 mg/m <sup>3</sup>  | GB EH40    |
| Further information            | Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                               |                                  |            |
|                                |   | STEL                          | 100 ppm<br>441 mg/m <sup>3</sup> | GB EH40    |
| Further information            | Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |                               |                                  |            |
|                                |   | TWA                           | 50 ppm<br>221 mg/m <sup>3</sup>  | 2000/39/EC |
| Further information            | Identifies the possibility of significant uptake through the skin, Indicative   |                               |                                  |            |
|                                |   | STEL                          | 100 ppm<br>442 mg/m <sup>3</sup> | 2000/39/EC |
| Further information            | Identifies the possibility of significant uptake through the skin, Indicative   |                               |                                  |            |
| 4-hydroxy-4-methylpentan-2-one | 123-42-2  | TWA                           | 50 ppm<br>241 mg/m <sup>3</sup>  | GB EH40    |
|                                |   | STEL                          | 75 ppm<br>362 mg/m <sup>3</sup>  | GB EH40    |

#### Biological occupational exposure limits

| Substance name | CAS-No. | Control parameters | Sampling time | Basis |
|----------------|---------|--------------------|---------------|-------|
|----------------|---------|--------------------|---------------|-------|

**REDUCER® F121**

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

|        |           |   |             |             |
|--------|-----------|---|-------------|-------------|
| Xylene | 1330-20-7 | methyl hippuric acid: 650 mmol/mol creatinine (Urine) | After shift | GB EH40 BAT |
|--------|-----------|---|-------------|-------------|

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

- aromatic hydrocarbons, C9-12, benzene distn. : End Use: Workers  
 Exposure routes: Skin contact  
 Potential health effects: Long-term systemic effects  
 Value: 25 mg/kg  
 End Use: Workers  
 Exposure routes: Inhalation  
 Potential health effects: Long-term systemic effects  
 Value: 150 mg/m3  
 End Use: Consumers  
 Exposure routes: Skin contact  
 Potential health effects: Long-term systemic effects  
 Value: 11 mg/kg  
 End Use: Consumers  
 Exposure routes: Inhalation  
 Potential health effects: Long-term systemic effects  
 Value: 32 mg/m3  
 End Use: Consumers  
 Exposure routes: Ingestion  
 Potential health effects: Long-term systemic effects  
 Value: 11 mg/kg
- Hydrocarbons, C9, aromatics : End Use: Workers  
 Exposure routes: Skin contact  
 Potential health effects: Long-term systemic effects  
 Value: 25 mg/kg  
 End Use: Workers  
 Exposure routes: Inhalation  
 Potential health effects: Long-term systemic effects  
 Value: 150 mg/m3  
 End Use: Consumers  
 Exposure routes: Skin contact  
 Potential health effects: Long-term systemic effects  
 Value: 11 mg/kg  
 End Use: Consumers  
 Exposure routes: Inhalation  
 Potential health effects: Long-term systemic effects  
 Value: 32 mg/m3
- Xylene, mixture of isomers : End Use: Workers  
 Exposure routes: Inhalation  
 Potential health effects: Acute effects, Short-term exposure, Systemic effects  
 Value: 289 mg/m3  
 End Use: Workers  
 Exposure routes: Inhalation  
 Potential health effects: Acute effects, Short-term exposure, Local effects  
 Value: 289 mg/m3  
 End Use: Workers  
 Exposure routes: Skin contact  
 Potential health effects: Long-term exposure, Systemic effects  
 Value: 180 mg/kg

**REDUCER ® F121**

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term exposure, Systemic effects  
Value: 77 mg/m<sup>3</sup>  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Short-term exposure, Systemic effects  
Value: 174 mg/m<sup>3</sup>  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Short-term exposure, Local effects  
Value: 174 mg/m<sup>3</sup>  
End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term exposure, Systemic effects  
Value: 108 mg/kg  
End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term exposure, Systemic effects  
Value: 1,6 mg/kg  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term exposure, Systemic effects  
Value: 14,8 mg/m<sup>3</sup>  
4-hydroxy-4-methylpentan-2-one : End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 9,4 mg/kg  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 66,4 mg/m<sup>3</sup>  
End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 3,4 mg/kg  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 11,8 mg/m<sup>3</sup>  
End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 3,4 mg/kg

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Xylene, mixture of isomers : Fresh water  
Value: 0,327 mg/l  
Marine water  
Value: 0,327 mg/l  
Fresh water sediment  
Value: 12,46 mg/kg  
Marine sediment  
Value: 12,46 mg/kg  
Soil  
Value: 2,31 mg/kg



**REDUCER ® F121**

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

|                                |   |
|--------------------------------|---|
| 4-hydroxy-4-methylpentan-2-one | : Sewage treatment plant<br>Value: 6,58 mg/l<br>Intermittent releases<br>Value: 0,327 mg/l<br>: Fresh water sediment<br>Value: 9,06 mg/kg<br>Marine sediment<br>Value: 0,91 mg/kg<br>Soil<br>Value: 0,63 mg/kg<br>Fresh water<br>Value: 2 mg/l<br>Marine water<br>Value: 0,2 mg/l<br>Intermittent releases<br>Value: 1 mg/l<br>Sewage treatment plant<br>Value: 82 mg/l |
|--------------------------------|---|

**8.2 Exposure controls**

**Engineering measures**

Use only appropriately classified electrical equipment and powered industrial trucks.

**Personal protective equipment**

|                          |  |
|--------------------------|--|
| Eye protection           | : Safety glasses with side-shields conforming to EN166<br>Ensure that eyewash stations and safety showers are close to the workstation location.<br>Do not wear contact lenses.                                      |
| Hand protection          | : Protective gloves complying with EN 374.   |
| Material                 | : Follow the instructions for use issued by the producer.  |
| Remarks                  | : Polyvinyl alcohol or nitrile- butyl-rubber gloves  |
| Material                 | : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.  |
| Remarks                  | : Workers should wear antistatic footwear.<br>Remove and wash contaminated clothing before re-use.<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Skin and body protection | : In the case of vapour formation use a respirator with an approved filter.<br>Respirator with a vapour filter (EN 141)  |
| Respiratory protection   | : Organic vapour type (A)  |
| Filter type              | : Do not wear contact lenses.<br>Ensure that eye flushing systems and safety showers are located close to the working place.   |
| Protective measures      | : Do not wear contact lenses.<br>Ensure that eye flushing systems and safety showers are located close to the working place.   |

## REDUCER® F121

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

### SECTION 9: Physical and chemical properties

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

|                             |                       |
|-----------------------------|-----------------------|
| Appearance                  | : liquid              |
| Colour                      | : colourless          |
| Odour                       | : characteristic      |
| pH                          | : Not applicable      |
| Melting point/range         | : lower -15 °C        |
| Boiling point/boiling range | : 137 - 143 °C        |
| Flash point                 | : 27 °C               |
| Evaporation rate            | : not determined      |
| Upper explosion limit       | : 7 %(V)              |
| Lower explosion limit       | : 0,8 %(V)            |
| Vapour pressure             | : No data available   |
| Relative vapour density     | : lower 1 (Air = 1.0) |
| Density                     | : 860 g/l (20 °C)     |
| Bulk density                | : Not applicable      |

#### 9.2 Other information

No data available

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Stable under recommended storage conditions.

#### 10.2 Chemical stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.  
No decomposition if stored and applied as directed.  
No decomposition if used as directed.

#### 10.4 Conditions to avoid

Conditions to avoid : Keep away from open flames, hot surfaces and sources of ignition.

## REDUCER ® F121

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

Protect from frost, heat and sunlight.  
No decomposition if used as directed.

### 10.5 Incompatible materials

Materials to avoid : Alkaline earth metals  
Strong acids and strong bases  
Strong oxidizing agents  
Strong reducing agents

### 10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

---

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product:

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Acute toxicity estimate : > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 2.000 mg/kg  
Method: Calculation method

##### Components:

##### **Xylene, mixture of isomers:**

Acute oral toxicity : LD50 (Rat, male): 3.523 mg/kg  
Method: Directive 67/548/EEC, Annex V, B.1.

##### **Reaction mass of ethyl benzene and xylene:**

Acute oral toxicity : LD50 (Rat, male): 3.523 mg/kg  
Method: Directive 67/548/EEC, Annex V, B.1.

#### Skin corrosion/irritation

##### Product:

Remarks: No data available

#### Serious eye damage/eye irritation

##### Product:

Remarks: No data available

## REDUCER ® F121

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

### Respiratory or skin sensitisation

**Product:**

Remarks: No data available

**Components:**

**Reaction mass of ethyl benzene and xylene:**

Test Type: Mouse Local Lymph Node assay (LLNA)

Exposure routes: Dermal

Species: Mouse

Method: OECD Test Guideline 429

Result: Does not cause skin sensitisation.

### Germ cell mutagenicity

### Carcinogenicity

### Reproductive toxicity

### STOT - single exposure

### STOT - repeated exposure

### Repeated dose toxicity

**Product:**

Remarks: No data available

### Aspiration toxicity

**Components:**

**Reaction mass of ethyl benzene and xylene:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

### Further information

**Product:**

Remarks: No data available

---

## SECTION 12: Ecological information

### 12.1 Toxicity

**Product:**

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

**Components:**

## REDUCER ® F121

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

### **Xylene, mixture of isomers:**

Toxicity to algae : EC50 (Selenastrum capricornutum (green algae)): 2,2 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes

### **Reaction mass of ethyl benzene and xylene:**

Toxicity to algae : ErC50 (Selenastrum capricornutum (green algae)): 2,2 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes

## 12.2 Persistence and degradability

### **Product:**

Biodegradability : Remarks: No data available

### **Components:**

#### **Xylene, mixture of isomers:**

Biodegradability : Test Type: aerobic  
Result: Readily biodegradable.  
Method: OECD Test Guideline 301F  
GLP: yes

#### **Reaction mass of ethyl benzene and xylene:**

Biodegradability : Test Type: aerobic  
Result: Readily biodegradable.  
Method: OECD Test Guideline 301F  
GLP: yes

## 12.3 Bioaccumulative potential

### **Product:**

Bioaccumulation : Remarks: No data available

## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

### **Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

## 12.6 Other adverse effects

No data available

**REDUCER® F121**

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

- Product : Do not dispose of with domestic refuse.  
The product should not be allowed to enter drains, water courses or the soil.  
Dispose of as hazardous waste in compliance with local and national regulations.  
Container hazardous when empty.  
Can be incinerated, when in compliance with local regulations.
- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

**SECTION 14: Transport information**

**14.1 UN number**

- ADR/RID/ADN : UN 1263  
IMDG : UN 1263  
IATA : UN 1263

**14.2 UN proper shipping name**

- ADR/RID/ADN : PAINT RELATED MATERIAL  
IMDG : PAINT RELATED MATERIAL  
IATA : Paint related material

**14.3 Transport hazard class(es)**

- ADR/RID/ADN : 3  
IMDG : 3  
IATA : 3

**14.4 Packing group**

- ADR/RID/ADN**  
Packing group : III  
Classification Code : F1  
Hazard Identification Number : 30  
Labels : 3
- IMDG**  
Packing group : III  
Labels : 3  
EmS Code : F-E, S-E
- IATA**  
Packing instruction (cargo aircraft) : 366  
Packing instruction (passenger aircraft) : 355

**REDUCER® F121**

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

Packing group : III  
Labels : 3

**14.5 Environmental hazards**

**ADR/RID/ADN**

Environmentally hazardous : yes

**IMDG**

Marine pollutant : yes

**14.6 Special precautions for user**

Not applicable

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

---

**SECTION 15: Regulatory information**

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Xylene, mixture of isomers

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

|     |                       | Quantity 1 | Quantity 2 |
|-----|-----------------------|------------|------------|
| E2  | ENVIRONMENTAL HAZARDS | 200 t      | 500 t      |
| P5c | FLAMMABLE LIQUIDS     | 5.000 t    | 50.000 t   |

**15.2 Chemical safety assessment**

Not applicable

---

**SECTION 16: Other information**

**Full text of H-Statements**

H226 : Flammable liquid and vapour.  
H304 : May be fatal if swallowed and enters airways.  
H312 : Harmful in contact with skin.  
H315 : Causes skin irritation.

## REDUCER ® F121

Version 4.0 SDB\_GB

Revision Date 10.11.2016

Print Date 11.11.2016

- H319 : Causes serious eye irritation.
- H332 : Harmful if inhaled.
- H335 : May cause respiratory irritation.
- H336 : May cause drowsiness or dizziness.
- H373 : May cause damage to organs through prolonged or repeated exposure.
- H411 : Toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

- Acute Tox. : Acute toxicity
- Aquatic Chronic : Chronic aquatic toxicity
- Asp. Tox. : Aspiration hazard
- Eye Irrit. : Eye irritation
- Flam. Liq. : Flammable liquids
- Skin Irrit. : Skin irritation
- STOT RE : Specific target organ toxicity - repeated exposure
- STOT SE : Specific target organ toxicity - single exposure

### Further information

- Training advice : Provide adequate information, instruction and training for operators.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.