

Revision: **MAY 2010**

## Material Safety Data Sheet for **SMARTFERT**

<b>1</b>	<b>Product and Company identification</b>	
1.2	Product identification	Granular fertilizer
1.3	Company identification	Puccioni S.p.A.
1.3	Emergency contact phone	+39 0873 3121
	Mail to	info@puccioni.it
<b>2</b>	<b>Hazard identification</b>	None
<b>3</b>	<b>Composition/information on ingredients</b>	Granular NPK fertilizer, not containing hazardous ingredients.
<b>4</b>	<b>First aid measures</b>	
4.1	Inhalation	No hazards in normal industrial use. If necessary, remove to fresh air.
4.2	Ingestion	Drink water.
4.3	Skin contact	Wash skin with soap and water.
4.4	Eyes contact	Flush eyes with water.
<b>5</b>	<b>Fire fighting measures</b>	Product is not oxidizing agent and non-flammable substance. Anyway, if involved in fire, material could release ammonia or SOx.
<b>6</b>	<b>Accidental release measures</b>	No special measures required.
<b>7</b>	<b>Handling and storage</b>	
7.1	Handling	No special measures required.
7.2	Storage	Store in dry conditions.
<b>8</b>	<b>Exposure controls/personal protection</b>	<ul style="list-style-type: none"> <li>• Respiratory protection: not normally required. If necessary, wear approved safety respirators.</li> <li>• Hand protection: wear gloves.</li> <li>• Skin protection: wear long-sleeve shirts and long pants.</li> <li>• Eye protection: safety goggles.</li> <li>• Others protective equipment: not required.</li> </ul>

## 9 Physical and chemical properties

9.1	Appearance	Red granule
9.2	Odour	None
9.3	pH	5-6 (1% solution)
9.4	Boiling point	Not applicable
9.5	Melting point	Not applicable
9.6	Flammability	Non-flammable
9.7	Auto flammability	Non-auto flammable
9.8	Explosive properties	Non-explosive
9.9	Oxidizing properties	Non-oxidizing
9.10	Vapour pressure	Not applicable
9.11	Bulk density	1 g/cm <sup>3</sup> around
9.12	Solubility in water	Soluble
9.13	Solubility in fat	Not applicable
9.14	Others data	None

## 10 Stability and reactivity

10.1	Conditions to avoid	None
10.2	Hazardous decomposition products	If involved in fire, material could release ammonia and/or SO <sub>x</sub> .

## 11 Toxicological information

Non-toxic

## 12 Ecological information

12.1	Persistence and degradability	Insignificant
12.2	Bioaccumulation potential	None

## 13 Disposal consideration

None

## 14 Transportation information

None

## 15 Regulatory information

Reg. 1907/2006, Reg. 1272/2008, Reg. 790/2009

## 16 Other information

16.1	Training	Not necessary
16.2	Limitation of use	None
16.3	References to the technical contact center	Puccioni SpA via Osca, 89 - 66054 Vasto (CH)
16.4	Bibliographic sources	None