

## TRIPLEX MANGANESE

### Material Safety Data Sheet

#### \*\*\* Section 1 – MANUFACTURER'S NAME AND CONTACT INFORMATION\*\*\*

**Manufacturer:**

**Cosmocel, S.A.**

Vía Matamoros 1501 Nte.  
San Nicolás de Los Garza N.L.  
66480, México

Tels. +52 (81) 86253100

Fax +52 (81) 86253118

#### \*\*\* Section 2 – INGREDIENTS/IDENTITY INFORMATION \*\*\*

Manganese (Mn)	23.0 % w/w
23% Water soluble Manganese	

#### \*\*\* Section 3 – PHYSICAL/CHEMICAL CHARACTERISTICS \*\*\*

Solubility in water	Soluble
Appearance	Powder
Color	Brown
Odor	Characteristic
pH 1 %	7.0 – 8.0

#### \*\*\* Section 4 – FIRE AND EXPLOSION HAZARD DATA\*\*\*

Degree of fire and Explosion hazard	None
Extinguishing media	Use water and sponges

Date: January 1, 2012

Revision: 3

Supersedes: 2

<b>*** Section 5 – REACTIVITY DATA***</b>
---

Stability	Stable
Conditions to avoid	None
Materials to avoid	None
Hazardous polymerization	Not occur

<b>*** Section 6 – HAZARD IDENTIFICATION DATA***</b>
--

Contamination med	For ingestion
Intoxication for overexposure	None
Toxicity Index	No toxic
Skin Irritation	Avoid the direct contact with the skin
Carcinogenicity	None

<b>*** Section 7 – FIRST AID MEASURES DATA***</b>
---

Avoid contact with the skin and the clothes.

In case of contact: Immediately flush eyes with plenty of water for at least 15 minutes. Contact a physician if symptoms persist.

<b>*** Section 8 – ACCIDENTAL RELEASE MEASURES / STORAGE DATA***</b>
--

If an accidental release occurs: The TRIPLEX MANGANESE is a product with low toxicity . The product can be swept using a sponge or any absorbent material.

Storage: The product should be stored in a clean dry area to maintain product quality. Do not store the material near clothes or feeding products.

Date: January 1, 2012

Revision: 3

Supersedes: 2

<b>*** Section 9 – PERSONAL PROTECTION DATA ***</b>
---

The use of respiratory equipment is not strictly necessary

The use of gloves and goggles is suggested

People should wear appropriate clothes, gloves and goggles.

Date: January 1, 2012

Revision: 3

Supersedes: 2