

# Sharda International Africa (Pty) Ltd

P.O. Box 82021, Southdale, 2135, South Africa.

Tel: 031 764 3011, Tel: 087 822 2397

Email: [rsa.regn@shardaintl.com](mailto:rsa.regn@shardaintl.com), Website: <http://www.shardaintl.com>

(Co. Reg. No. 2010/002268/07)

Page 1 of 6

## SAFETY DATA SHEET

### “Chrome Plus 750 WG”

#### 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Name of Product:** “Chrome Plus 750 WG”

**Active Ingredient:** Chlorimuron 10.7% +Metribuzin 64.3% WG

**Product Use:** Herbicides

**Registration holder:** Sharda International Africa (Pty) Ltd

**Address:** P.O. Box 82021, Southdale, 2135

**Contact Tel. No.:** 031-764-3011

**Poison Centres:** UNITAS Hospital: 0800-111-9900  
Tygerberg Hospital: 021-931-6129  
Netcare 911: 082911

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Common Name:</b>	Metribuzin / Chlorimuron-ethyl
<b>Chemical family:</b>	Triazine / Sulfonylurea
<b>Use:</b>	Herbicide
<b>Formulation:</b>	Chlorimuron-ethyl 107 g/kg + Metribuzin 643 g/kg Wettable Powder

#### **Hazardous ingredients of toxicological concern:**

<u>Inert:</u>	<u>concern:</u>	<u>% present:</u>
Chlorimuron-ethyl	Harmful	10.7 % v/v
Metribuzin	Harmful	64.3 % v/v
<b>Symbol:</b>	Xn	
<b>Indication of Danger:</b>	Harmful	

**RISK-PHRASES** R22; R50, R53

#### 3. HAZARD IDENTIFICATION

<b>Main hazard:</b>	May irritate eyes, nose, throat and skin. May be harmful if absorbed through skin.
<b>Flammability:</b>	Not likely under stable conditions.
<b>Chemical hazard:</b>	Group 2.
<b>Biological hazard:</b>	None

# Sharda International Africa (Pty) Ltd

P.O. Box 82021, Southdale, 2135, South Africa.

Tel: 031 764 3011, Tel: 087 822 2397

Email: [rsa.regn@shardaintl.com](mailto:rsa.regn@shardaintl.com), Website: <http://www.shardaintl.com>

(Co. Reg. No. 2010/002268/07)

Page 2 of 6

<b>Reproductive hazard:</b>	Not determined.
<b>Eye effects - eyes:</b>	Slightly irritating
<b>Health effects – skin:</b>	Slightly irritating.
<b>Health effects – ingestion:</b>	May be harmful
<b>Health effects – inhalation:</b>	Slightly irritating to throat.
<b>Carcinogenicity:</b>	None
<b>Mutagenicity:</b>	None
<b>Neurotoxicity:</b>	None

## **4. FIRST AID MEASURES AND PRECAUTIONS**

**Product in eye:** Immediately flush with plenty of clean water for at least 15 minutes.

**Product on skin:** Wash skin with soap and water immediately after contact. Wash contaminated clothing before re-use.

**Product ingested:** If swallowed, immediately give at least 2 glasses of water and induce vomiting. Never give anything by mouth to unconscious person. Consult a physician.

**Product inhaled:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician.

## **5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Water spray, dry chemicals.

**Special hazards:** Not a fire or explosion hazard.

### **Protective clothing:**

Applicators and other handlers must wear: Long-sleeved shirt and long pants. Waterproof gloves. Shoes plus socks Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, Waterproof gloves, Shoes plus socks, Exposure Guidelines. Applicable Exposure Limits.

## **6. ACCIDENTAL RELEASE MEASURES (SPILLAGE)**

**Personal precautions:** Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

**Initial Containment:** Dike spill. Prevent material from entering sewers, waterways, or low areas.

**Methods for cleaning up:** Spill Cleanup: Shovel or sweep up.

**Accidental Release:** If spill area is on ground near valuable plants or trees remove top 2

**Measures** inches of soil after initial clean-up.

## **7. HANDLING AND STORAGE REQUIREMENTS**

**Handling:** Rubber gloves face shield or mask. Avoid breathing vapours or mist. Avoid breathing dust. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing

# Sharda International Africa (Pty) Ltd

P.O. Box 82021, Southdale, 2135, South Africa.

Tel: 031 764 3011, Tel: 087 822 2397

Email: [rsa.regn@shardaintl.com](mailto:rsa.regn@shardaintl.com), Website: <http://www.shardaintl.com>

(Co. Reg. No. 2010/002268/07)

Page 3 of 6

after use. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material. Wash hands before eating, drinking, and chewing gum, using tobacco and using the toilet. Avoid dust generation.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

## **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

### **Occupational exposure limits:**

METRIBUZIN

PEL (OSHA) : None Established

TLV (ACGIH) : 5 mg/m<sup>3</sup>, 8 Hr. TWA, A4

AEL \* (DuPont) : 5 mg/m<sup>3</sup>, 8 Hr. TWA

CHLORIMURON ETHYL:

PEL (OSHA) : None Established

TLV (ACGIH) : None Established

AEL \* (Du Pont) : 10 mg/m<sup>3</sup> , 8 & 12 Hr. TWA, total dust; 5 mg/m<sup>3</sup> , 8 & 12 Hr. TWA, respirable dust [\* AEL is recommended Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are, in effect, such limits shall take precedence.]

**Engineering measures:** Use only with adequate ventilation. Keep container tightly closed.

**Personal protective equipment:** Applicators and other handlers must wear: Long-sleeved shirt and long pants. Waterproof gloves. Shoes and socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

### **Personal protection**

**Respiratory:** Mouth respirator

**Hands:** Waterproof Rubber glove

**Eyes:** Face shield or mask

**Skin:** Long-sleeved shirt and long pants. Shoes plus socks

**Other protection:** Non specified

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Light Beige flowing powder, free of any lumps.

**Odour:** None

**pH:** c. 7 - 8

**Boiling point:** > 100°C

**Melting point:** > 126 °C

**Flash point:** N/A > 100°C

**Flammability:** Not flammable

**Auto flammability:** N/A

**Explosives properties:** none

**Oxidizing properties:** none

**Density:** 0.42

# Sharda International Africa (Pty) Ltd

P.O. Box 82021, Southdale, 2135, South Africa.

Tel: 031 764 3011, Tel: 087 822 2397

Email: [rsa.regn@shardaintl.com](mailto:rsa.regn@shardaintl.com), Website: <http://www.shardaintl.com>

(Co. Reg. No. 2010/002268/07)

---

Page 4 of 6

**Solubility – water:** 100%

**Neurotoxicity:** None

## **10. STABILITY AND REACTIVITY**

### **Stability:**

Stable at normal temperatures and storage conditions

### **Incompatibility with Other Materials:**

None reasonably foreseeable

### **Decomposition:**

Decomposition will not occur.

### **Polymerization:**

Polymerization will not occur.

### **Conditions to avoid:**

Closed areas.

### **Hazardous decomposition products:**

Metribuzin / chlorimuron-ethyl

## **11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:** > 2890 mg/kg

**Skin and eye contact:** Slight irritating.

**Chronic toxicity:** None

**Carcinogenicity:** None

**Mutagenicity:** None

**Reproductive hazards:** None

## **12. ECOLOGICAL INFORMATION**

### **ECOTOXICOLOGY:**

**Aquatic toxicity – fish:** Rainbow trout (96 h) > 76 mg/l

**Aquatic toxicity – daphnia:** > 100 mg/l

**Aquatic toxicity – algae:** Unknown

**Biodegradability:** by microbial hydrolysis and deamination in the soil

**Bio-accumulation:** None

**Mobility:** Mobile in soil with possibility to leach.

**German wgk:** Not available

## **13. DISPOSAL CONSIDERATION**

### **Disposal methods:**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Remove non-usable solid material and/or contaminated soil, for disposal in an approved and permitted landfill. Do not flush to surface water or sanitary sewer system. Do not contaminate rivers, dams or any other water source with chemical or used containers. Drain and triple rinse containers and then destroy by perforation and flattening. Bury in an approved dumping site.

# Sharda International Africa (Pty) Ltd

P.O. Box 82021, Southdale, 2135, South Africa.

Tel: 031 764 3011, Tel: 087 822 2397

Email: [rsa.regn@shardaintl.com](mailto:rsa.regn@shardaintl.com), Website: <http://www.shardaintl.com>

(Co. Reg. No. 2010/002268/07)

Page 5 of 6

## **Disposal packaging:**

Do not re-use containers for any other purpose.

## **14. TRANSPORT INFORMATION**

**UN No.:** 3077

### **ADR**

**Proper shipping name:** Environmentally hazardous substance, solid, n.o.s.  
(Metribuzin/chlorimuron-methyl 75%)

**Class:** 9

**Classification code:** M7

**Packaging group:** III

**Label:** 9

**Hazard ID no.:** 90

### **IMDG**

**Proper shipping name:** Environmentally hazardous substance, solid, n.o.s.  
(Metribuzin/chlorimuron-methyl 75%)

**Class:** 9

**Label:** 9 Marine Pollutant

**Packing Group:** III

### **ICAO/IATA**

**Proper shipping name:** Environmentally hazardous substance, solid, n.o.s.  
(Metribuzin/chlorimuron-methyl 75%)

**Class:** 9

**Label:** 9

**Packing Group:** III

**Pack Instr. Passenger:** 914

**Pack Instr. Cargo:** 914

**Tremcard Nr. CEFIC: 90GM7-III**

**This product is considered a Marine Pollutant.**

## **15. REGULATORY INFORMATION**

**Symbol:** Xn

**Indication of danger:** Harmful

### **Risk phrases:**

R22 Harmful if swallowed

R50 Very toxic to aquatic organisms

R53 May cause long-term adverse effects in the aquatic environment

### **Safety phrases:**

S2 Keep out of the reach of children

S36 Wear suitable protective clothing

## **16. OTHER INFORMATION**

### **Packaging:**

# Sharda International Africa (Pty) Ltd

P.O. Box 82021, Southdale, 2135, South Africa.

Tel: 031 764 3011, Tel: 087 822 2397

Email: [rsa.regn@shardaintl.com](mailto:rsa.regn@shardaintl.com), Website: <http://www.shardaintl.com>

(Co. Reg. No. 2010/002268/07)

---

Page 6 of 6

Packed in 500g, 1, 5, 10, 15, 20 and 25 kg bags and labelled according to South African regulations and guidelines.

**Disclaimer:**

The information on this sheet is not a specification; it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed. All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors and omissions or the consequence thereof.