

## SAFETY DATA SHEET

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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier:

**Platinum PK 9-18**

#### 1.2 Relevant uses of the substance or mixture and uses advised against:

**Supplied for use as an amateur use fertiliser**

#### 1.3 Details of the supplier of the safety data sheet:

Plant Magic Plus Ltd  
Unit 12  
Liberty Industrial Park  
South Liberty Lane  
Bristol  
BS3 2SU

**Contact: The Safety Officer**  
Phone number: 0117 978 2499

Email: [info@plantmagicplus.co.uk](mailto:info@plantmagicplus.co.uk)

#### 1.4 Emergency phone number

For urgent medical help or advice, contact the NHS by calling 111.

**Phone number: 0117 978 2499**

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

CLASSIFICATION in accordance with Regulation (EC) No 1272/2008:  
**Not classified as hazardous to health or the environment.**

#### 2.2 Label Elements

**Platinum**

**Picogram: None**

**Signal word: None**

**Hazard Statements: None**

#### Precautionary Statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.

### 2.3 Other Hazards

EUH208 Contains Reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) . May produce an allergic reaction.

Mixture does not meet criteria in REACh as PBT or vPvB

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product Code:** tbc

#### 3.2 Mixtures

##### Hazardous components

Chemical Name	CAS-No./ EC-No.	Index No. / REACH number	Classification in accordance with Regulation (EC) No 1272/2008	Concentration [%]
Reaction mass of: 5-chloro-2- methyl-4- isothiazolin-3- one [EC no. 247- 500-7] and 2- methyl-2H - isothiazol-3- one [EC no. 220- 239-6] (3:1)	55965-84-9/ 611-341-5	Index number: 613-167-00-5	Acute Tox. 3* (Inhal.) H331 Acute Tox. 3* (Dermal) H311 Acute Tox. 3* (Oral) H301 Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	<0.1

The full text and symbols for all hazard information if not displayed in section 2 or 3 are displayed in Section 16

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### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### 4.1.1 Inhalation

If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop.

##### 4.1.2 Skin & Eye exposure

Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist or develop.

Eyes: Rinse cautiously for several minutes, Remove contact lenses, if present and easy to do, rinse with clean water for 15 minutes. Seek medical attention if symptoms persist or develop.

##### 4.1.3 Ingestion

Do not induce vomiting. Wash out mouth with water and give water to drink. Seek medical attention if symptoms persist or develop.

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

May produce an allergic reaction.

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

Information not available

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### 5. FIRE-FIGHTING MEASURES

#### **5.1 Extinguishing media**

Use Foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

#### **5.2 Special Hazards arising from the substance or mixture**

Possible irritant and corrosive fumes arising from combustion including oxides of nitrogen.

#### **5.3 Advice for fire-fighters**

Cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment). Wear complete protective clothing and self-contained breathing apparatus

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### 6. ACCIDENTAL RELEASE MEASURES

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

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Use personal protective equipment – see section 8

-appropriate coveralls and gloves

-eye/face protection

Avoid contact with skin and eyes

#### **6.2 Environmental Precautions**

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation), contact local water authority and inform the Environment Agency

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

Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.

#### **6.4 Reference to other sections**

See section 8 for personal protective equipment specification

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### 7. HANDLING AND STORAGE

#### **7.1 Precaution for safe handling**

Avoid contact with skin and eyes. Wash Hands thoroughly after handling

Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas.

Avoid contact with metals, avoid the formation of mists in the atmosphere, work in a well-ventilated area.

Avoid any direct contact with the product, Do NOT handle without gloves. Do NOT handle if hands have any cuts or wounds.

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

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials.

Store away from incompatible materials – Strong acids, Strong oxidising substances, powdered metals, inorganic peroxides.

### **7.3 Specific end use(s)**

No specific information available

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

### **8.1 Control Parameters**

Exposure limit values have not been determined for this mixture

### **8.2 Exposure controls**

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Goggles – Eye Protection : goggles/face shield to BS EN166.

Gloves – Acid-resistant protective gloves. Long protective gloves, which go over the sleeves

Skin and body protection - Impermeable suit (Hypalon, Tyvek, Saranex, PVC...).

Impermeable boots.

Wear suitable protective clothing, gloves and eye/face protection.

Personal protective equipment must be defined after risk assessment for the workstation.

Protective equipment must be chosen according to current CEN standards and in cooperation with the supplier of protective equipment.

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

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

**Appearance;** Brown liquid

**Odour;** Information not specified

**Odour threshold;** Information not specified

**pH;** 6.5 – 7.5

**Melting point/freezing;** Information not specified

**Initial boiling point and boiling range;** Information not specified

**Flash point;** Information not specified

**Evaporation rate;** Information not available

**Flammability (solid, gas);** Mixture not classified as Flammable

**Upper /lower flammability or explosive limits;** Mixture not classified as Explosive

**Vapour Pressure;** Information not specified

**Vapour density;** Information not specified

**Specific gravity;** 1.45 ± 0.02

**Solubility (ies);** Information not specified

**Partition coefficient: n-octanol/water;** Information not specified

**Auto ignition temperature:** Information not specified

**Decomposition temperature:** Information not specified

## **9.2 Other Information**

No other relevant information available

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## 10. STABILITY AND REACTIVITY

### **10.1 Reactivity**

May react with metals.

### **10.2 Chemical Stability**

Stable under normal conditions

### **10.3 Possibility of hazardous reactions**

Information not available

### **10.4 Conditions to avoid**

Extremes of temperature

### **10.5 Incompatible materials**

Powdered metals, metal containers

### **10.6 Hazardous decomposition products**

Possible Irritant fumes

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## 11. TOXICOLOGICAL INFORMATION

### **11.1 Information on toxicological effects**

The mixture has not been assessed for toxicological effects. Full mixture classification is given in section 2. Individual component classifications are given in section 3 and 16.

**Toxicological information on hazardous ingredients where available:**

**reaction mass of:**

**5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1)**

Oral ATE mix >5000 mg/Kg (calculated)  
Dermal ATE mix >5000 mg/Kg (calculated)  
Inhalation ATE mix dust/mist > 5 mg/l 4hr (calculated)

Primary irritant effect:

On the skin: Caustic effect on skin and mucous membranes

On the eye: Strong caustic effect

Sensitization: Sensitization possible by skin contact

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12. ECOLOGICAL INFORMATION

**12.1 Toxicity**

Mixture not classified as harmful to the environment accordance with Regulation (EC) No 1272/2008.

**12.2 Persistence and degradability**

Information not available

**12.3 Bioaccumulative potential**

Information not available

**12.4 Mobility in soil**

Information not available

**12.5 Results of PBT and vPvB**

Not classified

**12.6 Other adverse effects**

Information not available

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13. DISPOSAL CONSIDERATIONS

**13.1 Waste Treatment Methods**

Use only licensed waste disposal companies. Do not re-use empty containers for any purpose.

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14. TRANSPORT INFORMATION

**14.1 UN number:** Product is unclassified for transport.

**14.2 UN proper shipping name:** Product is unclassified for transport.

**14.3 Transport hazard:** Product is unclassified for transport.

**14.4 Packing group:** Product is unclassified for transport.

**14.5 Environmental hazards:** Product is unclassified for transport.

**14.6 Special precautions for user:** Product is unclassified for transport

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

Applicable for Maritime bulk transport only. Check with carrier.

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15. REGULATORY INFORMATION

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

This mixture is classified and labelled in accordance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures and Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been undertaken for this substance

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## 16. OTHER INFORMATION

### Full text of hazard statements not otherwise listed in full elsewhere:

H301:	Toxic if swallowed
H311:	Toxic in contact with skin.
H314:	Causes severe skin burns and eye damage
H317:	May cause an allergic skin reaction
H331:	Toxic if swallowed or if inhaled
H400:	Toxic to aquatic life.
H410:	Very toxic to aquatic life with long lasting effects.

### List of abbreviations

Acute Tox. 3 (inhal)	Acute Toxicity (Inhalation) Category 3
Acute Tox. 3 (oral)	Acute Toxicity (Oral) Category 3
Acute Tox. 3 (dermal)	Acute Toxicity (Dermal) Category 3
Skin Corr. 1B	Skin Damage Category 1
Eye Dam. /Irrit. 1	Eye Damage Category 1
Skin Sens. 1	Skin sensitisation 1
ATE	Acute Toxicity Estimate
PBT	Persistent, bioaccumulative and toxic
vPvB	Very Persistent very Bioaccumulative

### SDS information:

This Safety data sheet is compiled using data submitted for raw materials and practical experience.

This Safety Data Sheet is prepared in compliance with Regulation (EC) 1272/2008 and Annex II of the REACH regulation 453/2010.

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

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