



**TECHNICAL DATA SHEET**  
**INCLUDING COSHH REGULATION INFORMATION**

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**POTATO PREPARATION:** **DRYWITE POWDER FORMULA NO. 2**

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**LEGISLATION COMPLIANCE:** **89/107/EEC Annex III Part B**

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**CHEMICAL NAME:** **Sodium Metabisulphite E223**      **CAS No**      **EINECS**  
**7681-57-4**      **NR 231-673-0**

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**CHEMICAL FORMULA:** **Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>**

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**PRODUCT DESCRIPTION:** **A white, odourless, free-running powder containing 65% Sulphur Dioxide which will extend the shelf life of peeled potato products, allowing storage out of water without discolouring for up to 2 days.**

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**PRODUCT PACKAGING:** **White plastic tubs with poly liners and white lids of 6kg and 25kg Plus 2.5kg easy-pour poly container.**

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**HAZARDS:**

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**HARMFUL**

**R-PHRASE(S):** **R22 - Harmful if swallowed**  
**R31 - Contact with acids liberates toxic gas**  
**R36/37 - Irritating to eyes and respiratory system**

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**S-PHRASE(S):** **S14 - Keep away from acids and oxidising agents**

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**GMO STATUS:** **There are no genetically modified food substances contained in this product.**  
**NUT INGREDIENTS:** **There are no nut ingredients contained in this product.**

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**FIRST AID MEASURES:**

**Eyes:** **Wash well with clean water or eye bath solution for at least 15 minutes**  
**Seek medical attention**

**Skin:** **Remove contaminated clothing and wash contaminated skin thoroughly with soap and water**  
**If any irritation develops seek medical advice**  
**Wash clothing before reuse**

**Inhalation:** **Remove patient to fresh air, keep warm and at rest**  
**Administer oxygen if necessary**  
**Apply artificial respiration if breathing has ceased or shows signs of failing**  
**Apply external cardiac massage in event of cardiac arrest**  
**Seek medical attention**

**Ingestion:** **Do not induce vomiting**  
**Wash mouth well with water and give water to drink**



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**FIRE FIGHTING MEASURES**

<b>Extinguishing media:</b>	Water spray should be used to cool containers Non combustible
<b>Fire and explosion hazards:</b>	Thermal decomposition will evolve toxic and irritant vapours (Sulphur Dioxide)
<b>Protective measures:</b>	A self-contained breathing apparatus and suitable protective clothing must be worn in fire conditions

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**ACCIDENTAL RELEASE MEASURES (SPILLAGE FROM BULK STORAGE)**

<b>Personal precautions:</b>	Avoid skin and eye contact Wear appropriate NIOSH/NSHA- approved respirator, chemical safety gloves, chemical safety goggles, rubber boots and other protective clothing
<b>Environmental protection:</b>	Depletes oxygen content of water courses If large spillage does enter water courses or sewers, inform the appropriate local water authority
<b>Recovery:</b>	Avoid raising dust Sweep up, place in bag and hold for waste disposal Ventilate area and wash spill site after material pick-up is complete

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**HANDLING AND STORAGE (IN NORMAL USE)**

<b>Storage:</b>	Do not mix solution or store treated produce in copper or galvanised metal containers Do not use on food to be eaten raw Store in a cool dry place away from acids and oxidising agents
<b>Handling for bulk facility:</b>	Avoid skin contact and inhalation Wear appropriate protective equipment No smoking, eating or drinking while handling Wash thoroughly after handling
<b>Materials for equipment/packaging:</b>	Store in stainless steel, plastic, or glass containers Corrosive to mild steel, copper and other soft metals

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**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Occupational exposure limits: 10mg/m<sup>3</sup> (8HR TWA) Total dust  
5mg/m<sup>3</sup> (8HR TWA) Respirable dust  
5mg/m<sup>3</sup> (8HR TWA) Sulphur Dioxide

**PERSONAL PROTECTIVE EQUIPMENT:**

<b>Respiratory:</b>	Wear appropriate respiratory protective equipment
<b>Hands/eyes/other:</b>	If exposure to levels above OEL is likely, wear suitable protective clothing, gloves and eye/face protection

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**PHYSICAL & CHEMICAL PROPERTIES:**

<b>Appearance:</b>	White, free-running powder
<b>Odour:</b>	Slight odour of Sulphur Dioxide
<b>pH:</b>	4.5 - 5.0 for a 10% solution
<b>Flash Point:</b>	Non flammable
<b>Relative density:</b>	1.48
<b>Solubility:</b>	Totally soluble in water Partially soluble in alcohol
<b>Thermal decomposition:</b>	150 degrees Centigrade
<b>Viscosity:</b>	N/A Dry powder

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**STABILITY AND REACTIVITY**

<b>Stability:</b>	<b>Stable in dry ambient conditions</b>
<b>Conditions to avoid:</b>	<b>Avoid damp conditions</b>
<b>Materials to avoid:</b>	<b>Avoid contact with acids</b>
<b>Hazardous decomposition products:</b>	<b>Avoid contact with heat</b>

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**TOXICOLOGICAL INFORMATION****SHORT TERM**

<b>Ingestion:</b>	<b>Harmful if swallowed; large amounts may cause irritation of the stomach by liberation of Sulphurous Acid. Very large doses may cause colic and diarrhoea, circulatory disturbances, depression of the central nervous system and can prove fatal</b>
<b>Skin:</b>	<b>May cause irritation and/or dermatitis</b>
<b>Eyes:</b>	<b>May cause irritation</b>
<b>Inhalation:</b>	<b>Dust may cause irritation to respiratory system Sulphur Dioxide liberated in contact with acids, irritates the respiratory system and high exposure may cause bronchitis, asphyxia and respiratory paralysis</b>

**LONG TERM**

No adverse effects at 0.215%  
Recommended limit 10mg/m<sup>3</sup> (8HR TWA)  
Total dust - 5mg m<sup>3</sup> (8HR TWA)  
Respiratory dust occupational exposure limit (OEL) - Sulphur dioxide 5mg m<sup>3</sup> (8HR TWA)

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<b>ECOLOGICAL INFORMATION:</b>	<b>High tonnage material used in open systems Solid with low volatility The product has no potential for bioaccumulation The product is soluble in water and is predicted to have high mobility in soil</b>
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<b>DISPOSAL CONSIDERATIONS:</b>	<b>In accordance with local and national regulations</b>
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<b>TRANSPORT INFORMATION:</b>	<b>Non-hazardous</b>
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<b>PRODUCER:</b>	<b>Drywite Limited The House of Lee PO Box 1, Park Lane Halesowen, West Midlands B63 2RB England</b>
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It is given in good faith but without warranty.*

*The application, use and process of our products is beyond our control and therefore entirely the responsibility of the end user.*

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COSHH/DW.2/14.06.05