







TECHNICAL DATA SHEET
INCLUDING COSHH REGULATION INFORMATION

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING	
PRODUCT NAME:	DRYWITE POTATO PREPARATION FORMULA 2
PRODUCT CODES:	DW2.2, DW2.6, DW2.25, DW2.50ST
COMPANY	DRYWITE LIMITED THE HOUSE OF LEE P O BOX 1 PARK LANE HALESOWEN WEST MIDLANDS B63 2RB
Chemical Product Name	Blend of sulphites, with anti caking and flow agent . GMO Free
EMERGENCY TELEPHONE (Office Hours)	+44(0)1384 569556
TEL NO:	+44(0)1384 569556
FAX NO:	+44(0)1384 410583
2. HAZARD IDENTIFICATION	
Harmful Health risk	Irritating to respiratory system, risk of damage to eyes, harmful if swallowed. Contact with acids liberates sulphur dioxide gas
Environmental risk	Large quantities discharged into surface water can cause oxygen reduction with negative consequences on living organisms
Physical and Chemical hazards, fire and explosion	Non flammable product, low risk level. In case of nearby fire it can release sulphur dioxide gas.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
Main Ingredient	
CAS No:	7681-57-4
EINECS	231-673-0
E	223
4. FIRST AID MEASURES	
Inhalation:	Move patient to fresh air, keep warm and at rest. Administer oxygen if necessary. Apply artificial respiration if breathing is difficult

Ingestion:	Do not induce vomiting. Wash mouth out with water and give water to drink. Seek medical attention.
Eye Contact:	Immediately flush with copious amount of water for at least 15 minutes. Seek medical attention.
Skin Contact:	Remove contaminated clothing, thoroughly wash contaminated clothing before re-use.
5. FIRE FIGHTING MEASURES	
Extinguishing Media:	Non flammable product, use water in case of nearby fire, contaminated water must be disposed of according to current local regulation.
Fire Hazard:	Thermal decomposition will produce sulphur dioxide vapours.
Protection Measures:	Self-contained breathing apparatus and protective clothing must be worn in fire conditions
6. ACCIDENTAL RELEASE MEASURES	
Personal Precautions:	Wear suitable mask, splash goggles, gloves and protective clothing appropriate for the size of spillage. Make sure area is suitably ventilated.
Environmental Precautions:	Prevent product from flowing into water courses and drains. Depletes oxygen.
Recovery:	Avoid generating and spreading dust. <u>Small Quantities</u> rinse with water neutralising contaminated water with soda or lime. <u>Large Quantities</u> collect mechanically in suitable containers for waste disposal.
7. HANDLING AND STORAGE	
Handling:	Keep in original container closed to avoid product oxidation. Avoid skin and eye contact, also inhalation. Wear appropriate protective equipment. No smoking, eating or drinking when handling, wash thoroughly after handling.
Storage:	Store in a cool, dry and well ventilated place away from oxidants, acids and alkalis.
Recommended Package Material:	Original container, glass or stainless steel. Do not use steel, galvanised metal, aluminium or copper.
Packed For Sale In:	White plastic tubs in blue poly liners and white lids. Sizes 6Kg and 25Kg. 2.5Kg easy pour poly container with measuring cap, Sachets 30 x 50g in white poly tub
8. EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT:	
Protective Equipment:	  

Exposure Limits:	TLV-TWA 5mg/m ³
Respiratory Protection:	Anti-dust Mask (Filter P1)
Eye Protection:	Suitable glasses with side guards. Do not wear contact lenses.
Skin Protection:	Suitable protective clothing for chemicals.
Hand Protection:	Suitable gloves for chemicals.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance:	Free running crystalline powder
Colour:	White
Odour:	Slight odour of sulphur dioxide
PH:	3.5 – 5.0 (5% solution)
Boiling Point:	N/A
Thermal Decomposition:	At approx. 150°C decomposition starts
Flash Point:	N/A
Density:	1000 – 1200 kg/m ³
Water Solubility:	470g/1 at 20°C
Distribution Co-efficient n-octanal/water:	-3.7
10. STABILITY AND REACTIVITY	
Conditions to Avoid:	Dampness, decomposition starts about 150°C
Material to Avoid:	Acids, oxidising agents, nitrites, nitrates and sulphides. Metals, Carbon Steels, Copper, Brass & Aluminium
Hazardous Decomposition Products:	Sulphur Dioxide.
11. TOXICOLOGICAL INFORMATION	
Penetration Ways:	Inhalation – Yes Ingestion – Improbable Contact – Yes
Acute Toxicity:	LD50 (oral, rat) 1540 mg/kg
Inhalation Consequences:	Irritation of principal respiratory tracts.
Ingestion Consequences:	Harmful (improbable event).
Skin Local Effect:	Non-irritant – In extreme cases only allergic people may suffer irritations.
Eye Local Effect:	Irritation risk of serious damage to eyes.

12. ECOLOGICAL INFORMATION	
Etoxicity:	<p>Discharged in large quantities into surface water, the product can cause considerable oxygen reduction with negative consequences on living organisms.</p> <p>Fish toxicity (acute toxicity) salmo Gairdneri (96h) 150-220mg/1 Toxicity to Daphnia (Acute) Daphnia Magna EC50 (48h) 89mg/1 Toxicity to Daphnia (Chronic) Daphnia Magna NOEC (21d) 10mg/1 Toxicity to Seaweed – Scenedesmus Subspicatus EC50 (72h) 48mg/1 Biotoxicity – Pseudomonas Putida EC50 (17h) 56mg/1 COD 165mg/1 (Calculated)</p>
13. DISPOSAL CONSIDERATIONS:	
Product:	Inorganic product not to be disposed of through biological treatment systems. Product residues to be disposed of in accordance with national and local environmental regulations.
Contaminated Packaging:	Empty packaging and dispose of in accordance with national and local environmental regulations.
14. TRANSPORT INFORMATION	
General:	Transport in a separate area to driver. Make sure the driver is aware of the prospective risk of the product and knows what action to take in an accident or emergency.
Road Transport:	Not Classified
Sea Transport:	Not Classified
Air Transport:	Not Classified
15. REGULATION INFORMATION	
Labelling:	 Harmful
Classification:	XnR22 R31 R41 S26 S39 S46
16. OTHER INFORMATION	
Hazard Symbols:	Xn Harmful
Risk Phase:	R22 Harmful if swallowed R31 Contact with acids liberates toxic gas R41 Risk of serious damage to eyes
Safety Phases:	S20/21 When using do not eat, drink or smoke S26 In case of contact with eye, wash immediately with plenty of water and seek medical S39 Wear eye/face protection S46 swallowed seek medical advice immediately and show container label

Risk Related to Sulphur Dioxide:	Toxic gas by inhalation, heavier than air, can accumulate in closed areas.
Uses:	Antimicrobial preservative, antioxidant for use on potato products
Dosage:	See label on container
Legislation:	Use covered under European Food Additives Directive 95/2/EEC
DS No:	1
Issue:	1
Date:	February 2010

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