

**PRODUCT GROUP - Wheat Distillers Dark Grains**  
**Health and Safety at Work Act 1974 COSHH Regulations 1988**

<b>LEGISLATION</b>	Complies with the Feeding Stuffs Regulations 2005 under the Agricultural Act 1970.		
<b>COMPOSITION &amp; APPEARANCE</b>	Residue of fermented grain to which pot ale syrup or spent wash has been added. Supplied as an 6mm pellet.		
<b>HAZARD IDENTIFICATION</b>	Fire risk:	Combustible Not highly flammable at ambient temperature.	
	Explosive risk:	Dust created by product degradation is explosive.  Dust created by Wheat Distillers Dark Grains falls in the lowest explosibility class (ST1).	
	Dust explosion classification:	ST1	
	Minimum Ignition Temperature of dust cloud:	440°C	
	Ignition temperature of dust layer:	290°C	
	Minimum spark energy for ignition of dust cloud:	>500 mJ	
	Maximum explosion pressure:	7.6 bar	
	Maximum rate of pressure rise:	338 bar.s <sup>-1</sup>	
	KST value:	92 bar.m.s <sup>-1</sup>	
<b>FIRST AID MEASURES</b>	Eyes:	Flood the eye thoroughly with clean water	
	Skin:	Rinse the area with water	
	Inhalation:	Remove patient to dust free atmosphere	
	Ingestion:	N/A	
<b>FIRE FIGHTING MEASURES</b>	Fire risk:	Combustible Not highly flammable at ambient temperature	
	Extinguishing media:	Water spray	
<b>ACCIDENTAL RELEASE MEASURES</b>	Keep away from watercourses and sewers.		
<b>DISPOSAL</b>	Keep away from watercourses and sewers. Dispose of through an authorised waste contractor to a licensed site. Packaging should be disposed of via an authorised waste contractor.		
<b>HANDLING</b>	Avoid excessive creation of dust. Dust extraction facilities should be provided to minimise dust levels in the atmosphere. NO SMOKING.		
<b>STORAGE</b>	Store away from direct sunlight and any sources of ignition. Avoid contamination. Store in a dry environment, preferably below 65% relative humidity. Store in cool conditions, preferably 5-10°C.		
<b>EXPOSURE CONTROLS</b>	Human Protection	Eyes: Skin: Ingestion: Inhalation:	Not needed Keep covered Do not eat Avoid dust inhalation



**PHYSICAL & CHEMICAL PROPERTIES** Allow 1.5m<sup>3</sup> per tonne and 670kg per m<sup>3</sup>.

<b>TOXICOLOGY</b>	Health Risk	On eyes:	May cause irritation
		On skin:	Potential for industrial dermatitis and irritation
		By inhalation:	Potential respiratory problems
		By ingestion:	None known
		Chronic:	None known
	Other:	None known	

**ECOLOGY** When used and disposed of as intended, no adverse environmental effects are foreseen.

**CORROSIVE PROPERTIES** Non-corrosive

**TRANSPORT RISK** This product is not classified as dangerous to transport.

**OTHER INFORMATION** The data and advice given in this data sheet apply when the product is sold for the stated application. Use of the product for applications other than as stated may give rise to risks not mentioned. You should not use this product for other applications prior to seeking advice.

If you have purchased the product for supply to a third party, it is your responsibility to take all necessary steps to secure that any person handling this product is provided with the information contained in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected by any of the hazards described, the precautions needed.

