KILN DRIED PINE SHAVINGS

PRODUCT	**Overall Description**	Kiln Dried Pine Shavings of less than 0.6mm in thickness and varying lengths between 4mm and 100 mm. Shavings are dust extracted and packed in Polypropylene bags tied with Baler twine and weighing 5.2 kilos per bag.
	Timber Source	Non chemically treated plantation softwood (Pinus Radiata) from managed forests certified to the Australian Forestry Standard AS 4708 and globally recognised by PEFC. Chain of Custody certified to minimum 70% AFS and certified in compliance with Australian Standard 4707:2006 delivered to our warehouse in Midvale from plantations in Bell Bay Tasmania or Dardanup Western Australia.
	Kiln Drying of Timber	Heat treated in accordance with the requirements of the Australian Wood Packaging Certification Scheme with a core temperature greater than 56 degrees Centigrade and for a duration of not less than 30 minutes. This process whereby moisture content is reduced to below 20% reduces tars, oils, allergens, mould, bacteria and insects

MANUFACTURING	**Processing**	The raw pine is passed through a Leader Mac moulding machine which systematically shaves it to a thickness of less than 0.6 mm and varying lengths of 4 to 100 mm. The by-products of this process, being shavings less than 4mm in length and sawdust are screened off together and utilised for other purposes. The shavings are packed into Polypropylene bags, weighed to ascertain correct weight (5.2 kilos) and tied with Baler twine. In an effort to be as environmentally conscious as possible the bags and twine are returned to us by our customers and re-cycled where practicable.
	Appearance	The shavings are light cream in colour with some slight difference in shading associated with the natural timber knots. To facilitate the shavings process it is sometimes necessary to oil the path through which the wood passes and if this is necessary food grade canola or rice bran oil is used.
	Packaging	Product is normally sold packed loosely in Polypropylene bags and tied with Baler twine. Each bag weighs 5.2 kilos and the product is generally priced per bag.
	Weight	One loosely packed cubic metre container of pine shavings weighs approximately 40 kilograms and the weight of each 71 cm x 122 cm polypropylene bagful of shavings is 5.2 kilos. As this product is primarily used for packaging live lobsters for export, it is desirable to have a higher volume to weight ratio to maintain air freight costs to a minimum with maximum absorbency levels.
	Storage	Raw timber is delivered to our factory in Midvale wrapped in plastic

		sheeting. It is then stored under cover in a clean, well ventilated area as recommended for the prevention of the growth of any mould until processed and bagged. Once processed the bags are stored within our factory free from moisture and rodents. We do not process any treated pine or other wood products on our premises.

TRANSPORT	**Usage**	Primary usage is for packaging of live Western Rock Lobsters and South West Marron for export by air. Product is also purchased as bedding for animals and birds by hobbyists and in particular universities and veterinary hospitals seeking a sterile product to minimise the threat of cross contamination.
	Delivery	The product is not classified as Dangerous Goods and is generally delivered to our customers in a covered truck reserved expressly for this purpose.

COMPLIANCE	**Flammability**	Flammable (Autoignition temperature 220 degrees Celsius). May evolve toxic gases such as carbon oxides and hydrocarbons when burning. Extinguish any fire with water spray or fog.
	Hazchem Code	None allocated.