## Avocado Research Chemicals Ltd - Material Safety Data Sheet 24649

1. IDENTIFICATION OF SUI	3STANCE AND SUPPLIER				
Name On Label Product Number Supplier	<ul> <li>4,4'-Dimethoxybiphenyl</li> <li>24649</li> <li>Johnson Matthey Catalog Company Inc.</li> <li>30 Bond Street, Ward Hill, Massachusetts, 01835-8099</li> <li>Emergency Telephone Number: (978) 521-6300; CHEMTREC: (800) 424-9300</li> </ul>				
Alternative Names	None in common use.				
2. COMPOSITION AND INF	ORMATION ON COMPONENTS				
Name Minor Impurities CAS No.	4,4'-Dimethoxybiphenyl Not determined 2132-80-1 EINECS No. Not listed EEC No.				
3. HAZARDS IDENTIFICAT	ON				
Designation	No specific hazard				
Risk Phrases	None specified - Exercise all due care in use				
4. FIRST AID MEASURES					
Inhalation Eye Contact Skin Contact Ingestion	Remove to fresh air. Seek medical advice if symptoms persist. Flush with copious amounts of water for at least 15 minutes. Wash affected area with soap and water. Rinse thoroughly. Rinse out mouth and drink lots of water. If unusual symptoms are observed, seek medical advice.				
5. FIRE FIGHTING MEASUR	RES				
Extinguishing Medium Protective Equipment	Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder. Wear self-contained breathing apparatus and protective clothing.				
	mbustion may include: carbon monoxide, carbon dioxide.				
6. ACCIDENTAL RELEASE	MEASURES				
Personal Protection	Wear protective equipment including rubber gloves, and eye protection. Keep unprotected persons away.				
Environmental Protection Collection					
7. HANDLING AND STORA	GE				
Handling Storage	Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system. Store in tightly sealed containers in a cool place. Protect from moisture.				
8. EXPOSURE CONTROLS	AND PERSONAL PROTECTION				
Respiratory Eye Hands and Body	Avoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid eye contact. Wear safety spectacles or goggles. Avoid skin contact. Wear rubber gloves and protective clothing.				

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## 24649 continued.

9. PHYSICAL AND CHEMICAL PROPERTIES Appearance Physical Constants Molecular formula With a valiable 10. STABILITY AND REACTIVITY Specific Hazard Incompatibilities Becomposition May include: carbon monoxide, carbon dioxide. 11. TOXICOLOGICAL INFORMATION RTECS NO. Not listed Acute Toxicity 12. ECOLOGICAL EFFECTS General Take care to prevent chemicals from entering the ground, water courses or drainage systems. 13. DISPOSAL CONSIDERATIONS Disposal Disposal should be via an approved contractor and should take full account of local regulations. 14. TRANSPORT INFORMATION 10. Number Land Transport ADR/IRIC Code/Class Packing Group II Maritime Transport MIDG Code/Class Packing Group II Maritime Transport Maritime Transport ADR/IRIC Code/Class Packing Group II Maritime Transport MIDG Code/Class MIDG Code/							
Pinysical Constants Water solubility Water solubility Water solubility Not available       m.p. 177-180° (subi.) Cit 4H <sub>14</sub> Q <sub>2</sub> Formula Wt. 214.26 Not available         Not available       Not available       Not available         10. STABILITY AND REACTIVE       Strong oxidising agents.       Not available         Incompatibilities       Strong oxidising agents.       Hazardous products of decomposition may include: carbon monoxide, carbon dioxide.         11. TOXICOLOGICAL INFORMATION       Hazardous products of decomposition may include: carbon monoxide, carbon dioxide.         12. ECOLOGICAL EFFECTS       General       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSDERTION       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION       UN Number         Land Transport       ADR/RIC Code/Class       Packing Group II         Maritime Transport       ADR/CCASS       Packing Group II         Maritime Transport       ING Code/Class       Packing Group II         Maritime Transport       MDR Specific Azard       UN Non. None         CAS No. 2132-80-1       EINECS No. Not listed       EEC No.       UN No. None         Risk & Safety Phrases       Not specific Azard       UN No. None       RTECS No. Not listed         Rizer indication <th colspan="6">9. PHYSICAL AND CHEMICAL PROPERTIES</th>	9. PHYSICAL AND CHEMICAL PROPERTIES						
Specific Hazard         Incompatibilities       Strong oxidising agents. Hazardous products of decomposition may include: carbon monoxide, carbon dioxide.         11. TOXICOLOGICAL INFORMATION         RTECS No.       Not listed         Acute Toxicity       LD <sub>50</sub> : Not available         12. ECOLOGICAL EFFECTS         General       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSIDERATIONS         Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION         UN Number         Land Transport       ADR/RIC Code/Class       Packing Group II         Maritime Transport       ADR/RIC Code/Class       Packing Group II         Maritime Transport       MDG Code/Class       Packing Group II         Maritime Transport       ADR/RIC Code/Class       Packing Group II         Maritime Transport       MDG code/Class       Packing Group II         Risk & Safety Phrases       None specified - Exercise all due care in use         TSCA       Interest way arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally vaild contractual relationship.	Physical Constants Molecular formula Water solubility	C <sub>14</sub> H <sub>14</sub> O <sub>2</sub>		-			
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