

# **DUCOL**

ORGANICS & COLOURS PVT. LTD.

## **MATERIAL SAFETY DATA SHEET [MSDS]**

**PRODUCT NAME : DUTINT YELLOW 2GX**

**CHEM CHARACTERIZATION : WATER DISPERSION PIGMENT YELLOW 74**

### **1. PHYSICAL DATA**

**1.1 MELTING / SOFTENING POINT C**

**1.2 BOILING POINT 100 C**

**1.3 DECOMPOSITION TEMPERATURE 350 C**

**1.4 pH (AT g/l WATER)**

**1.5 % NON VOLATILE 54 % SOLID IN WATER**

<b>1.6 ODOUR</b>	<b>YES</b>	<b>NO</b>
	<b>[ ]</b>	<b>[ X ]</b>

<b>1.7 PHYSICAL FORM</b>	<b>SOLID</b>	<b>PASTE</b>	<b>LIQUID</b>
	<b>[ ]</b>	<b>[ X ]</b>	<b>[ ]</b>

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### **2 STORAGE STABILITY AND HANDLING**

<b>2.1 SPECIAL PRECAUTION FOR TRANSPORT AND STORAGE</b>	<b>KEEP ABOVE FREEZING</b>
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<b>2.2 INCOMPATIBLE SUBSTANCES</b>	<b>NONE</b>
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<b>2.3 HAZARDOUS DECOMPOSITION PRODUCTS</b>	<b>NONE</b>
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<b>2.4 PROTECTIVE MEASURES</b>	<b>[ X ] RESPIRATORS</b>
	<b>[ ] GLOVES</b>

<b>2.5 HAZARDOUS POLYMERIZATION</b>	<b>[ ] GOGGLES</b>
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<b>2.6 SPECIAL PROTECTIVE MEASURE</b>	<b>NONE</b>
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<b>2.7 MEASURE AFTER SPILLAGE OR LEAKAGE</b>	<b>REMOVE BY USE OF SUITABLE EQUIPMENT</b>
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<b>2.8 DISPOSAL</b>	<b>BURNING OR OFFICIAL DUMP</b>
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## **3 IGNITION AND COMBUSTION DATA**

### **3.1 FLASH POINT**

**DETERMINATION**

**NOT APPLICABLE**

### **3.2 EXTINGUISHING**

**[X] WATER [ X ] CO<sub>2</sub>  
[X] FOAM [ X ] DRY POWDER  
[ ] OTHER**

### **3.3 SPECIAL FIRE PRECAUTIONS**

**CONTAIN WATER**

### **3.4 SPECIAL FIRE & EXPLOSIVE HAZARD**

**N A**

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## **4 TOXICITY**

### **4.1 ACUTE ORAL TOXICITY (LD<sub>50</sub>)**

**5000mg/kg TESTED IN RATS**

### **4.2 SKIN TOLERANCE**

**NON IRRITANT TESTED ON RABBITS**

### **4.3 MUCOUS MEMBRANE TOLERANCE**

**NON IRRITANT IN RABBITS' EYES**

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## **5 EMERGENCY AND FIRST AID PROCEDURES**

**RINSE CONTAMINATED SKIN WITH SOAP AND WATER**

**RINSE CONTAMINATED EYES WITH COPIOUS AMOUNTS OF WATER**

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## **6 ECOLOGY**

**AVOID DISPOSING IN POTABLE  
WATER**

### **6.1 BIOLOGICAL ELIMINATION**

<input type="checkbox"/> 50-100%	<input type="checkbox"/> TOC/DOC	<input type="checkbox"/> CONTINUOUS METHOD
<input type="checkbox"/> 25-50%	<input type="checkbox"/> COD	<input type="checkbox"/> BATCH METHOD
<input type="checkbox"/> 10-25%	<input type="checkbox"/> PHOTOMETRY	<input type="checkbox"/> (BOD <sub>5</sub> COD ) 100
<input type="checkbox"/> BELOW 10%		

### **6.2 FISH TOXICITY**

**TEST SPECIES**

**LC mg/l**

**lc mg/l**

**TESTING TIME h**

### **6.3 INHIBITION OF ACTIVITY OF WASTE WATER BACTERIA**

**NO INHIBITION LEVEL**

**mg/l**

**50% INHIBITION LEVEL mg/l**

**TEST PROCEDURE**

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## **7**

### **ADDITIONAL INFORMATION**

**THIS PRODUCT SHOULD BE STORED, HANDLED AND USED IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICES AND IN CONFORMITY WITH ANY LEGAL REGULATIONS. THIS INFORMATION IS BASED ON OUR PRESENT STATE OF KNOWLEDGE AND IS INTENDED TO DESCRIBE OUR PRODUCTS FROM THE POINT**

**OF**

**VIEW OF THE SAFETY REQUIREMENTS. IT SHOULD NOT THEREFOR BE CONSTRUED AS GAURANTEERING SPECIFIC PROPERTIES.**