

DUCOL

ORGANICS & COLOURS PVT. LTD.

MATERIAL SAFETY DATA SHEET [MSDS]

PRODUCT NAME : DUTINT RED 4R

CHEM CHARACTERIZATION : WATER DISPERSION PIGMENT RED 8

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

1.6 ODOUR	YES	NO
	[]	[X]

1.7 PHYSICAL FORM	SOLID	PASTE	LIQUID
	[]	[X]	[]

2 STORAGE STABILITY AND HANDLING

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

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

3.1 FLASH POINT

DETERMINATION

NOT APPLICABLE

3.2 EXTINGUISHING

[X] WATER [X] CO₂
[X] FOAM [X] DRY POWDER
[] OTHER

3.3 SPECIAL FIRE PRECAUTIONS

CONTAIN WATER

3.4 SPECIAL FIRE & EXPLOSIVE HAZARD

N A

4 TOXICITY

4.1 ACUTE ORAL TOXICITY (LD₅₀)

5000mg/kg TESTED IN RATS

4.2 SKIN TOLERANCE

NON IRRITANT TESTED ON RABBITS

4.3 MUCOUS MEMBRANE TOLERANCE

NON IRRITANT IN RABBITS' EYES

5 EMERGENCY AND FIRST AID PROCEDURES

RINSE CONTAMINATED SKIN WITH SOAP AND WATER

RINSE CONTAMINATED EYES WITH COPIOUS AMOUNTS OF WATER

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 ₅ 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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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.