

SAFETY DATA SHEET

CRYSTAL SPB3574 WARM RED

RDSS5 Ink

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	CRYSTAL SPB3574 WARM RED	RDSS5 Ink
PRODUCT NO.	JET3574	
APPLICATION	Inkjet Printing ink.	Inkjet Printing ink.
SUPPLIER	SunJet Norton Hill Midsomer Norton Bath, Somerset BA3 4RT UK T +44 (0) 1761-414471 F +44 (0) 1761-418544 Chemical Safety Adviser ChemicalSafety.MSN@sunchemical.com	Graph-Tech AG Aeschwuhstr. 15 4665 Oftringen Switzerland T +41 (0) 746 0650 F +41 (0) 746 0655 info@graph-tech.ch
EMERGENCY TELEPHONE	+44 (0) 1761 408646	

2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes. May cause sensitisation by skin contact.

CLASSIFICATION Xi;R41. R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
N-BUTYL ESTER OF GLYCOLIC ACID	230-991-7	7397-62-8	60-80%	Xi;R41. R43.
2-OCTANOL	204-667-0	123-96-6	10-25%	Xi;R36/38.
C.I. SOLVENT YELLOW 146	304-811-3	94279-65-9	1-5%	Xi;R36. N;R51/53. R43.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove victim immediately from source of exposure. Get medical attention.

INHALATION

Move the exposed person to fresh air at once.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Continue to rinse for at least 15 minutes.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Material is combustible. Fire can be extinguished using: Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

PROTECTIVE MEASURES IN FIRE

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Do not use contact lenses. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Ground container and transfer equipment to eliminate static electric sparks. Store separated from: Oxidising material.

STORAGE CLASS

Miscellaneous hazardous material storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

All handling to take place in well-ventilated area.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Multi-layer material (e.g. 4H, Saranex). Nitrile. Unsuitable gloves: natural rubber or latex

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

When using do not eat, drink or smoke. Promptly remove any clothing that becomes wet or contaminated. Wash promptly if skin becomes wet or contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

REVISION DATE: 05/11/2007

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Mobile Coloured liquid		
ODOUR	Characteristic		
SOLUBILITY	Soluble in most organic solvents		
BOILING POINT (°C)	>100 @ 760 mm Hg	RELATIVE DENSITY	1.02-1.1 @ 25°C
VAPOUR DENSITY (air=1)	> 1	VAPOUR PRESSURE	1.3 @ mbar 20°C
pH-VALUE, DILUTED SOLUTION	Not applicable - does not dissociate in water	VISCOSITY	10-30 @ cps 25°C
FLASH POINT (°C)	>70 CC (Closed cup).	SOLUBILITY VALUE (g/100g H2O@20°C)	<20

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours may cause headache, fatigue, dizziness and nausea.

SKIN CONTACT

May cause sensitisation by skin contact.

EYE CONTACT

Risk of serious damage to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Little danger to the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

DISPOSAL METHODS

Incinerate in suitable combustion chamber. Dispose of waste and residues in accordance with local authority requirements.

WASTE CLASS

European Waste Class (EWC) 08 03 12

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

LABELLING



Irritant

CONTAINS

C.I. SOLVENT YELLOW 146

RISK PHRASES

R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
S60 This material and its container must be disposed of as hazardous waste.

EU DIRECTIVES

Safety Data Sheet according to 91/155/EC as amended Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Substance Directive 67/548/EC.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

Workplace Exposure Limits 2005 (EH40)

Control of Substances Hazardous to Health Regulations 2002 (as amended)

16 OTHER INFORMATION

ISSUED BY

Chemical Safety Adviser

REVISION DATE 05/11/2007

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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