

MSDS
MATERIAL SAFETY DATA SHEET

PRODUCERS
SUPPLIERS
WAREHOUSERS

**PIGMENTED
HIGHLIGHTER INK**

CF5810 Green

QUICK IDENTIFIER

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SECTION I – GENERAL INFORMATION

MANUFACTURER NAME: Dokumental GmbH & Co. Schreibfarben

Factory ludwigshafen

Woellnerstrabe 26,D-67065 Ludwigshafen

Telephone: 0049-621-5402-332

Telefax: 0049-621-5402-391

Factory Mittenwald

Innsbrucker Str. 35, D-82481
Mittenwald

Telephone: 0049-8823-9202-0

Telefax: 0049-8823-3820

Date: 8-Apr-04 **Prepared by** W. Windorfer (Factory Mittenwald)

SECTION II – HAZARDOUS INGREDIENTS (Specify components)

CAS-no.	substance	conc.	range %	classification (EU)
	not applicable			

ASTM D-4236 approved: yes

Transport Info: UN-No.: N/A. Prop. Shipping Name: No Dangerous Goods

IMDG-CODE Class: N/A. MFAG: N/A. EMS No.: N/A.

ICAO/IATA Class: N/A. Packaging Group: N/A.

SECTION III PHYS. / CHEM. CHARACTERISTICS (SPECIFY COMPONENT)/

Appearance: liquid

Odour: typical

Boiling Point (°C): ≥ 100	Density (g/ml): :1.02-1.16	
Vapour Density(Air=1): > 1	Melting Point (°C):	<0
Solubility in Water:100%	Evaporation Rate(Butylacetate=1)	>1
Pressurised: yes no X	% Volatile⁽⁴⁾	70

Other characteristics: aqueous solution of polyhydric alcohol,
dye stuffs and additives

SECTION IV – FIRE AND EXPLOSION HAZARDS

Flashp. °C (Method used): > 100	Explosion Limits(Vol%)	LEL n.a.	UEL n.a.
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Extinguishing Media: N/A

Special Fire Fighting Precautions: cool closed containers exposed to fire with water; **do not use waterjet** autoignition temperature (°C) : N/A.

List of Hazardous Decomp. Products: carbon monoxide and dioxide, smoke, and oxides of nitrogen after evaporation of water

Other Advice: none

SECTION V – STORAGE HAZARDS

Stability: Unstable: Stable: X **Conditions to Avoid:** avoid heating above 60°C **Incompatibility (Material to avoid):** concentrated oxidising or reducing agents

Hazardous Decomposition Products: no hazardous decomposition products known

Hazardous Polymerisation May Occur Will Not Occur X

Conditions To Avoid: none

SECTION VI – HEALTH HAZARDS

1. **Acute⁽⁵⁾:** > 5000 mg/kg 2. **Chronic⁽⁵⁾:** n.d.

Signs and Symptoms of Overexposure: n.d.

Medical Cond. Generally Aggravated: n.d.

Chem. Listed as Carcinogenes: none of the used chemicals are known to be carcinogenes

EMERGENCY AND FIRST AID PROCEDURES

Routes of Entry	First Aid Procedures	Seek Medical Advice
Inhalation	n.a.	
Eyes	rinse with plenty of clean and fresh water in case of remaining irritation seek for medical advice	X
Skin	remove moistened clothing, wash with soap and water, do not use solvents or thinners!!	X
Ingestion	If accidentally swallowed obtain immediate medical attention. Keep at rest Do not induce vomiting	X

SECTION VII – SPECIAL PRECAUTIONS

Special Precautions to be Taken in Handling: keep containers tightly closed,
protect drums from the influence of weather.

Other Precautions: Product should not get untreated into waters

Steps to be Taken in Case Material is Released or Spilled: absorb with appropriate liquid
binding material and dispose off according to local regulations

Waste Disposal Methods: burn in a licensed incinerator,treat in a biological clarification plant;
product may not get untreated into waters

SECTION VIII – SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: not necessary,good room ventilation is sufficient

Ventilation: **Local Exhaust:** **Mechanical:** not necessary**Other:**

Skin and Eye Protection: rubber or plastic gloves,protective galsses

Work/Hygienic Practices: pay attention to the usual rules for handling chemicals

**Note: The information given in this MSDS is based on our present state of knowledge and is
no assurance of properties of our products. Existing laws and regulations have to be
obeyed by the purchaser himself.The product shall not be used for purposes other
than it is assigned for without the consent of the producer.**