



## MATERIAL SAFETY DATA SHEET

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### IDENTIFICATION OF SUBSTANCE / PREPARATION, REVISION NUMBER AND DATE

Product name: Mimaki JV3 (Cyan, Magenta, Yellow, Black, Cyan Light, Magenta Light, Orange, Green, Flushing Fluid)

Product code: B, C, M, Y ,CL, ML, OR, GR, FF

Revision no: B

Date: 09/05

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### COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL NAME	%	CAS NO:	EEC NO:	HAZARD SYB	R,S PHRASES
Ethylene glycol monobutyl ether acetate	60- 95	112-07-2	2039333	Xn	R20,21,25/S24

R10 : Flammable

R20 : Harmful by inhalation

R21 : Harmful in contact with skin

R25 : Toxic if swallowed

S24 : Avoid contact with skin

S25 : Avoid contact with eyes

The remaining ingredients (resin / pigment) do not present a health hazard.

## FIRST AID

Inhalation: Remove casualty to fresh air  
Skin contact: Wash from skin using soap and water  
Eye contact: Flush eye with water and seek medical advice  
Ingestion: Do not induce vomiting, obtain medical assistance

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## FIRE FIGHTING MEASURES

**Flammability:** Product is not classified as flammable (flash point 68,5 °C)  
Combustion products: Oxides of carbon  
Extinguishing media: In event of a fire use CO<sub>2</sub>, foam and dry powder

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## ACCIDENTAL RELEASE MEASURES

Mop or soak up spillage in absorbent material and dispose of in accordance with Local Authority Regulations.

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## HANDLING AND STORAGE

Handling: Avoid prolonged skin contact. Wear gloves and safety glasses if splashing is likely.  
Fire prevention: Avoid heat and sources of ignition.  
Storage: Normal cool warehouse conditions. Keep in closed container.

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## EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Not essential  
Eye and skin protection: Wear safety glasses and gloves if splashing is likely.

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## PHYSICAL AND CHEMICAL PROPERTIES

Form: Black or cyan or magenta or yellow colored liquid  
Flash point: 68,5 °C (PMMC)  
Boiling point: 121,3 °C (ASTM D1120)  
Auto ignition point: 341 °C  
Density: 0,975 – 0,990 g/cm<sup>3</sup>

## STABILITY AND REACTIVITY

Chemical reactivity:	Stable under normal conditions
Decomposition products:	Carbon oxides
Materials / conditions to avoid:	Strong oxidizing agents and sources of ignition

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## TOXICOLOGICAL INFORMATION

Eye contact:	Mild to moderate eye irritant
Skin contact:	Mild irritation to skin
Ingestion (oral):	Acutely toxic with secondary effects on kidneys, liver and spleen.
Inhalation:	Causes headaches, dizziness and nausea

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## ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Floats on water. Mostly evaporates from water or soil surfaces, but a significant proportion will remain after one day due to slow evaporation rate. Large volumes may penetrate soil and could contaminate ground water. The VOC's are biodegradable with residual solids being non-hazardous.

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## DISPOSAL CONSIDERATION

Consult local authority for regulations regarding waste disposal.

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## TRANSPORT REGULATIONS

Proper shipping name:	Printing liquid
UN number:	Not applicable – regarded as non-hazardous
IMDG code:	Not applicable
ICAO / IATA class:	Not applicable
Packing group:	Not applicable – Packaging group III selected
IMDG class:	Not applicable
RID / ADR:	Not applicable
Hazard warning sign:	Xn

## REGULATORY INFORMATION

Symbol: Xn  
Risk phrases: R 10,20,21.25  
Safety phrases: S24,25  
Contains: ketone and glycol ether acetate

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## OTHER INFORMATION

The information is based solely on the data provided by the suppliers of the materials used and/or recognized technical sources, not on the mixture itself (with the exception of the flash point and boiling point determination), and is believed to be correct as of this date. No warranty is expressed or implied regarding the accuracy of the data.

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## MANUFACTURERS:

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## DISTRIBUTORS: