

22197-XXXX

#TCS-6000 MSDS 1/3

**SAFETY DATA SHEET**DATE : 09-May-2011  
REVISION : -**1. PRODUCT INFORMATION**Product Name: ZIG CLEAN COLOR  
Product Number: #TC-6000  
Recommend Application: Marker ( as ink )Company Information: Company Name: KURETAKE CO., LTD.  
Address: 576 Minamikyobate-cho, 7-chome, Nara-shi, 630-8670  
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E-mail: kuretake@kuretake.co.jp**2. HAZARDS IDENTIFICATION**

## GHS Classification

Physical hazardous nature	Flammable liquid	N/A
Dangerous for health	Acute toxicity	No data
	Acute toxicity (Oral)	No data
	Acute toxicity (Endermatic)	No data
	Acute toxicity (Inhale : Gas)	No data
	Acute toxicity (Inhale : Dust, Mist)	No data
	Skin corrosion / irritative	No data
	Serious irritate the eyes	No data
	Sensitizing property of apparatus	No data

respiratorius and skin

	Skin sensitizing property	No data
	Generate cell mutagenicity	No data
	Carcinogen	No data
	Reproductive effect	No data
Specially Target Organ	Single exposure	No data
/ Systematic Toxicity	Repetition exposure	No data
	Attractant respiratory harmful effect	No data
Hazardous Property for	Acute hazardous aquatic environment	No data
Environment	Inveteracy hazardous aquatic environment	No data

## Factor Label

## Hazardous Information

## Instruction

## (first Aid)

## (Storage)

## (Disposal)

## Country / Community Information

Skin: Wash by water with soap.  
Eyes: Immediately flush with water enough, see a doctor.  
Ingestion: Do not induce vomiting. See a doctor.  
Under usually storage condition, it is stable.  
Waste dispozal shoud be in accordance with the existing environmental regulation.

**3. COMPOSITION AND INGREDIENT INFORMATION**Single, Mixture: Mixture  
Ingredient and content: None**4. FIRST AID**

For Skin	Wash by water with soap.
For Eyes	Immediately flush with water enough, see a doctor.
For Ingestion	Do not induce vomiting. See a doctor.
Expected acute symptom and late symptom:	None expected.
Most important sign and symptom:	None expected.
Protect the person received first aid:	None required.
Special notandum for doctor:	None required.

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**5. FIRE-FIGHTING MEASURE**

Extinguishing Media: N/A  
 Great Conflagration: Water spray, mist water, CO2  
 Forbidden Extinguishing Media: None  
 Special Dangerous and Harmful Effect: N/A  
 Protect the Person Extinguish a Fire: None

**6. ACCIDENTAL RELEASE MEASURES**

Notandum for Human Body, Protective Equipment and Emergency Measure:  
 None required  
 Notandum for Environment:  
 None required  
 Collect, Neutralization:  
 None required  
 Containment or Depurate and Equipment:  
 None required  
 Precaution of Second Disaster:  
 None required

**7. HANDLING AND STORAGE**

Handling  
 Precautions to be taken in handling None required  
 Storage  
 Precautions to be taken in strage None required

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Install the eyewashing devices and safety shower where handle or stock this product.

Protection Equipment  
 For hands: None required  
 For eyes: None required  
 Other protective clothing or equipment None required

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical Form	Condition (20°C)	Liquid
	Odor	Odorless
	Boiling point	Approx. 100°C
	Vapor pressure	No data
	Density (20°C)	1.05 - 1.07 (reference value)
	pH (against water base)	4.0 - 11.0
	Other	No data
Hazardous Information	Flash point	N/A
	Ignition point	N/A
	Explosion limit	N/A
Other Hazardous Information		No data

**10. STABILITY AND REACTIVITY**

Stability: Under usually storage condition, it is stable.  
 Hazardous Reactivity: Nothing  
 Avoid Condition: Nothing  
 Avoid Touching: Nothing  
 Hazardous Decomposition Product: Nothing

**11. TOXICOLOGICAL INFORMATION**

Harmful ingredient and exposure limit: Nothing  
 Other harmful information relecant to composition: Nothing  
 Harmful information for product: No data

**12. ECOLOGICAL INFORMATION**

Acute Hazardous Aquatic Eenvironment: No data  
 Inveteracy Hazardous Aquatic Environment: No data

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**13. DISPOSAL CONSIDERATIONS**

Waste Disposal Method: Waste disposal should be in accordance with the existing environmental regulation.

**14. TRANSPORT INFORMATION**

Common: Please follow the section 7. Check if there are no leakage from container and take cargo without falling, dropping and damage.

Land Transportation: In case of fall under the Fire Law, Industrial Safety and Health Law, Poisonous Material Control Law follow each relevant mode of transportation.

Marine Transportation: Please follow the Law for Safety of Vessel.

Air Transportation: Please follow the Aviation Law and regulation of ICAO.

**15. REGULATORY INFORMATION**

Industrial Safety and Health Law: Notice object goods (Article 57, section 2, Enforcement regulation 18-21, appendix 9.)

Fire Law: N/A

Law for Safety of Vessel: N/A

Aviation Law: N/A

**16. OTHER INFORMATION**

Main Cited Literature

Solvent pocket book  
Raw material manufacturer MSDS

*Regarding to the description content:*

*The description content of this data sheet is based on the documentation, information and data that we can gather at the present moment so that it might be change depend on new information. And it is recommend for usual handling so that in case of special handling, use it before take safety measure that suitable for your application and usage.*

*The description content is information service and not certification.*