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ITOYA

20820-XXXX

ITOYA OF AMERICA --- SHINKEN

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY (As Used on Label and List) INK for CL-10 *Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

Section I

Manufacturer's Name ITOYA OF AMERICA, LTD.	Emergency Telephone Number
Address (Number, Street, City, State, and ZIP Code) 22815 S. Frampton Ave. Torrance, CA 90501-5034	Telephone Number for Information (310) 539-2100
	Date Prepared October 3, 1996
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
SODIUM BENZOATE	0.5 %	TIO ETHLEN GRYCOL	5.0 %	
SODIUM DEHYDROACETATE	0.5	UREA	6.0	
ACID VIOLET No.1	2.0	H2O	56.4	
ACID BLUE No.1	2.5			
DIRECT BLACK No.154	2.2			
ACID YELLOW No.4	1.0			
ACID YELLOW No.5	1.7			
ACID RED No.102	1.2			
ACID RED No.104	0.5			
ETHLEN GRYCOL	20.0			
NONION SURFACTANT	0.5			

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Section III — Physical/Chemical Characteristics

Boiling Point	105°C	Specific Gravity (H ₂ O = 1)	1.05-1.08
Vapor Pressure (mm Hg.) (20°C)	23	Melting Point	n.d.
Vapor Density (AIR = 1)	n.d.	Evaporation Rate (Butyl Acetate = 1)	n.d.
Solubility in Water	n.d.		
Appearance and Odor	Liquid with little smell		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	n.d.	Flammable Limits	n.d.	LEL	UEL
Extinguishing Media	n.a.				
Special Fire Fighting Procedures	n.a.				
Unusual Fire and Explosion Hazards	n.a.				

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	0	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	0	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? n.d. Skin? n.d. Ingestion? n.d.

Health Hazards (Acute and Chronic)

Cardiogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure n.d.

Medical Conditions Generally Aggravated by Exposure n.d.

Emergency and First Aid Procedures washing off by water

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled washing off by water

Waste Disposal Method In accordance with national, state, or local regulation

Precautions to Be Taken in Handling and Storing n.a.

Other Precautions n.a.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust	not necessary	Special
	Mechanical (General)	n.a.	Other
Protective Gloves	n.a.	Eye Protection	

Other Protective Clothing or Equipment n.a.

Work/Hygiene Practices n.a.