



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

COMPILE REPORT

Compile Report Number : CNB3130603-02026-CO

**CTS (Ningbo) Testing Service Technology Co., Ltd.
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COMPILE REPORT OF MSDS

REPORT No. : CNB3130603-02026-CO
DATE : Jun. 15, 2013
PAGE : 1 of 10

Table of contents

1 General Information	2
1.1 Application Details	2
1.2 Manufacturer & Buyer	2
1.3 Description of the Compile Item	2
2 Compile Results	3
2.1 General Information	3
2.1.1 Sample Receiving Date	3
2.1.2 Compile Period	3
2.1.3 Compile Requested	3
2.2 Results	4
3 Composition / Information on ingredients	5
4 Sample Reference Photo	10

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COMPILE REPORT OF MSDS

REPORT No. : CNB3130603-02026-CO
DATE : Jun. 15, 2013
PAGE : 2 of 10

1 General Information

1.1 Application Details

Name : Ningbo Shanhuang Electric Appliance Co.,Ltd.
Address : No.115 Xingongyi Road, Ninghai, Ningbo, China
Contact : JANE
Telephone : +86-574-65330068
Fax : +86-574-65330065
Mobile telephone : /
Email : /

1.2 Manufacturer & Buyer

Manufacturer name : /
Address : /
Contact : /
Telephone : /
Fax : /
Mobile telephone : /
Email : /
Buyer name : /

1.3 Description of the Compile Item

Sample name : MONEY DETECTOR PEN
Model No. : BSUV005W
Brand name : /
Condition of sample(s) : EFFECTIVE

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COMPILE REPORT OF MSDS

REPORT No. : CNB3130603-02026-CO
DATE : Jun. 15, 2013
PAGE : 3 of 10

2 Compile Results

2.1 General Information

2.1.1 Sample Receiving Date

Jun. 3, 2013

2.1.2 Compile Period

Jun. 3, 2013 to Jun. 15, 2013

2.1.3 Compile Requested

MSDS report of products

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COMPILE REPORT OF MSDS

REPORT No. : CNB3130603-02026-CO
 DATE : Jun. 15, 2013
 PAGE : 4 of 10

2.2 Results

MSDS (Material Safety Data Sheet)							
1 Identification of the substance / Preparation and of the company							
PRODUCT NAME	: MONEY DETECTOR PEN						
PRODUCT TYPE	: /						
Manufacturer/Supplier	: /						
ADDRESS	: /						
TEL	: /						
FAX	: /						
E-mail	: /						
2 HAZARDS IDENTIFICATION							
Fatalness grade: According to Regulation (EC) No 1272/2008.							
Chemical name	CAS No.	EC No.	Classification		Labelling		
			Hazard Class and Category Code(s)	Hazard Statement Code(s)	Pictogram Signal Word Code(s)	Hazard Statement Code(s)	Suppl. Hazard statement code(s)
Ethyl Alcohol	64-17-5	200-578-6	Flam. Liq. 2	H225	GHS02 Dgr	H225	/
Hazard Symbols: GHS02  Flame Invasion route: Skin contact: May cause skin irritation. Eye contact: May cause eye irritation. Inhalation: No known significant effects or critical hazards. Ingestion: May cause gastrointestinal irritation. Health hazards: No known significant effects or critical hazards. Environment hazards: No known significant effects or critical hazards. Burn & burst danger: The sample can burn at high temperature and the fire.							

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COMPILE REPORT OF MSDS

REPORT No. : CNB3130603-02026-CO
 DATE : Jun. 15, 2013
 PAGE : 5 of 10

3 Composition / Information on ingredients

Pure Admixture

Composition:

Chemical Name	In % By Weight	CAS No.	EC No.	molecular formula
Potassium iodide	1	7681-11-0	231-659-4	KI
Ethyl Alcohol	22	64-17-5	200-578-6	C ₂ H ₆ O
Water	38	7732-18-5	231-791-2	H ₂ O

Abbreviation: CAS No. : Chemical Abstract Service Registry Number.

EC No. : European Inventory of Existing Commercial chemical Substances.

4 First aid measures

Skin touch: Wash with soap and water. Get medical attention if irritation develops.

Eyes touch: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water. Get medical aid.

Inhalation: Move to fresh air immediately.

Ingestion: Gargle. Get medical aid.

5 FIRE-FIGHTING MEASURES

Danger characteristic: Fire and high heat can cause burning.

Hazardous combustion products: CO₂, CO

Fire-Fighting method & media: The staff must equip with filter-mask (full mask) or isolated breathing apparatus. The staff must wear the clothes which can defense the fire and the gas. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible. Media: hazy water, foam, powder, CO₂, sandy clay.

6 Accidental release measures

Emergency treatment: Cut off the fire source. Evacuate the personnel to a safe place as soon as possible, isolate the polluted area, restrict on access. Small amount of divulgence: use the plenty of water washing. Massive divulgence: recycle or transport to waste treatment place for handling.

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**COMPILE REPORT OF MSDS**

REPORT No. : CNB3130603-02026-CO
 DATE : Jun. 15, 2013
 PAGE : 6 of 10

7 HANDLING AND STORAGE

Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. Keep away from fire and heating sources. No smoking in the workplace. Prevent contacting with oxidizer. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of the extinguishment instruments and devices for divulgence handling.

Storage: Keep the sample in the cool and well-ventilated place. Keep away from fire and heating sources. Keep separately from oxidizer, no mixing storage. Equip with relevant types and quantities of the extinguishment instruments. The storage place should be equipped with devices for divulgence handling and suitable shelter materials.

8 Exposure controls / personal protection

Maximum admissible concentration: No standard yet

Monitoring Method: /

Engineering Control: Tightly closed. To supply with sufficient air exhaust.

Respiratory Protection: No special protection under normal use.

Eyes Protection: No special protection under normal use. Wear chemical safety glasses if necessary.

Body Protection: Wear work clothes

Hands Protection: Wear gloves.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: No specific data

Color: No specific data.

Odour: No specific data.

Boiling Point: No specific data.

Flash Point: No applicable.

Melting Point: No applicable.

PH Value: No specific data.

Permission of solvent inhalation: No specific data.

Solubility: Soluble in water

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See Reverse For Terms And Conditions of Service

**COMPILE REPORT OF MSDS**

REPORT No. : CNB3130603-02026-CO
 DATE : Jun. 15, 2013
 PAGE : 7 of 10

10 STABILITY AND REACTIVITY

Stability: Stable under normal temperature and pressure.

Distribution of Ban: Strong oxidizer

Conditions to Avoid: Heat, fire

Hazardous Polymerization: Not available.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 TOXICOLOGICAL INFORMATION

The information provided in this section is related to the individual ingredients of the sample.

Acute Toxicity:

Chemical Name	CAS No.	LC50	LD50
Ethyl Alcohol	64-17-5	Inhalation/rat/37620 mg/m ³ /10h	Oral/rabbit/7060 mg/kg Skin/rabbit/7430 mg/kg

Sub-acute and Chronic Toxicity: No known significant effects or critical hazards.

Irritation: No known significant effects or critical hazards.

Sensitization: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Others: None.

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**COMPILE REPORT OF MSDS**

REPORT No. : CNB3130603-02026-CO
 DATE : Jun. 15, 2013
 PAGE : 8 of 10

12 ECOLOGICAL INFORMATION

Eco-toxicity: No known significant effects or critical hazards.

Biodegradable: No specific data.

Non-biodegradable: No applicable.

Bioconcentration or biological accumulation: No known significant effects or critical hazards.

Other harmful effects: None.

13 DISPOSAL CONSIDERATIONS

Nature of waste: This product is not regarded as hazardous waste, as defined by Regulation (EC) No. 1272/2008.

Waste disposal methods: Refer to National or Local regulations before handling.

Attention abandoned: No applicable.

14 TRANSPORT INFORMATION

Number of dangerous goods: No specific data.

UN Number: No specific data.

Packaging Mark: No specific data.

Packaging Method: No specific data.

Transport Fashion: Sea

Transport Attentions: Examine whether the package of the containers are integrate and tight-closed or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer and chief food chemicals. The transport ship must be clean, sterilized and dried otherwise it is not allowed to assemble articles. In transit should be anti-exposure, rain, anti-high temperature. Stopovers should be away from fire and heat sources. The assemble place should keep away from bedroom and kitchen and the engine room, power and fire source should be isolated from the assemble place.

15 REGULATORY INFORMATION

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No 1272/2008-Classification, Labelling and Packaging of Substances and Mixtures.

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COMPILE REPORT OF MSDS

REPORT No. : CNB3130603-02026-CO
DATE : Jun. 15, 2013
PAGE : 9 of 10

16 OTHER INFORMATION

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Term:

Flam. Liq. 2: Flammable liquid.
H225: Highly flammable liquid and vapour.

Written by:

Jessie

Inspected by:

Suzai

Approved by:

[Signature]



End of Report

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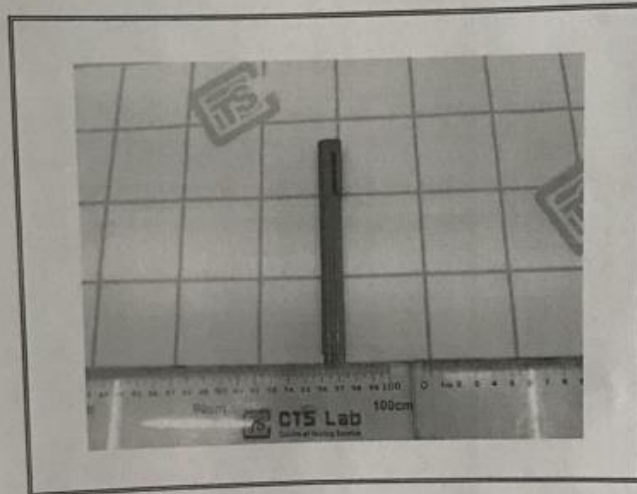
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COMPILE REPORT OF MSDS

REPORT No. : CNB3130603-02026-CO
DATE : Jun. 15, 2013
PAGE : 10 of 10

4 Sample Reference Photo



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