

Safety Data Sheet(SDS)

Report No.: G180319B07-04-02EN

Date: Mar. 28, 2018

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name : money detector pen
Product Model : BSUV005W
Company Name : Ningbo Shanhuang Electric Appliance Company
Address : No.115 Xingongyi Road, Xinxing Industrial Area, Ninghai, Ningbo, China 315600
Contact Person : JANE
Tel : +86-574-65330068
E-mail : sales1@beisan.com
Emergency Tel : +86-(0)13566025904

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008[EU-GHS/CLP]

Flammable liquids (Category 3), H226

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008[EU-GHS/CLP]

Pictogram



Signal word

Warning

Hazard statement(s)

H226

Flammable liquid and vapour.

Precautionary statement(s)

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P403 + P235

Store in a well-ventilated place. Keep cool.

2.3 Other hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures (consisting of the following substances)

| Substance name | Value (%) | Classification |
|--|-----------|--|
| | | According to Regulation (EC) No. 1272/2008 |
| Water CAS No.: 7732-18-5 EC No.: 231-791-2 | 38.0 | NA |

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| Substance name | Value (%) | Classification |
|---|-----------|--|
| | | According to Regulation (EC) No. 1272/2008 |
| Ethyl alcohol CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5 | 22.0 | Flam. Liq. 2; H225 |
| Potassium iodide CAS No.: 7681-11-0 EC No.: 231-659-4 | 1.0 | NA |
| Others | 39.0 | NA |

Note: NA = Not applicable.

4. FIRST AID MEASURES

- Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- Skin contact : Wash off with soap and plenty of water. Consult a physician.
- Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Ingestion : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special hazards arising from the substance or mixture : No data available.
- Advice for firefighters : No data available.
- Further information : No data available.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Environmental precautions : Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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Methods for cleaning up : Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

Storage : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Air sensitive. Forms explosive peroxides on prolonged storage May form peroxides on contact with air.

Handling : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters.

8.2 Exposure controls

No data available.

Respiratory protection : No data available.

Body protection : Impervious clothing, Flame retardant antistatic protective clothing.
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Eye/face protection : No data available.

Skin protection : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid ink (inside).

pH : No data available.

Boiling point/range : No data available.

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| | | |
|------------------------------|---|--------------------|
| Melting point/range | : | No data available. |
| Flash point | : | No data available. |
| Ignition temperature | : | No data available. |
| Evaporation rate | : | No data available. |
| Density | : | No data available. |
| Solubility in other solvents | : | No data available. |
| Explosive properties | : | No data available. |
| Oxidising properties | : | No data available. |
| Vapour pressure | : | No data available. |
| Relative density | : | No data available. |
| Water solubility | : | Soluble. |
| Viscosity | : | No data available. |

10. STABILITY AND REACTIVITY

| | | |
|------------------------------------|---|--------------------------|
| Chemical stability | : | No data available. |
| Reactivity | : | No data available. |
| Possibility of hazardous reactions | : | No data available. |
| Hazardous decomposition products | : | No data available. |
| Materials to avoid | : | Strong oxidizing agents. |
| Conditions to avoid | : | Heat, flames and sparks. |

11. TOXICOLOGICAL INFORMATION

| | | |
|--|---|--|
| Acute toxicity | : | <u>CAS No. 64-17-5:</u> LD50 Oral - Rat - 10470 mg/kg LC50 Inhalation - Rat - 4 h - 30000 mg/l LD50 Dermal - Rabbit - 15800 mg/kg <u>CAS No. 7681-11-0:</u> LD50 Oral - Mouse - 1,000 mg/kg |
| Skin corrosion/irritation | : | No data available. |
| Serious eye damage/eye irritation | : | No data available. |
| Respiratory or skin sensitization | : | No data available. |
| Reproductive toxicity | : | No data available. |
| Germ cell mutagenicity | : | No data available. |
| Carcinogenicity | : | No data available. |
| Reproductive toxicity | : | No data available. |
| Specific target organ toxicity - single exposure | : | No data available. |

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Specific target organ toxicity - repeated exposure : No data available.
Aspiration hazard : No data available.
Potential health effects : No data available.
Signs and Symptoms of Exposure : No data available.
Additional Information : No data available.

12. ECOLOGICAL INFORMATION

Toxicity : CAS No. 64-17-5:
Toxicity to fish:
LC50 - Pimephales promelas (fathead minnow) - 14200 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates:
LC50 - Ceriodaphnia dubia (water flea) - 5012 mg/l - 48 h
NOEC - Daphnia magna (Water flea) - 9.6 mg/l - 9 d
Toxicity to algae:
EC50 - Chlorella vulgaris (Fresh water algae) - 275 mg/l - 72 h
CAS No. 7681-11-0:
Toxicity to fish:
LC50 - Oncorhynchus mykiss (rainbow trout) - 2,190 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates:
EC50 - Daphnia (water flea) - 2.7 mg/l - 24 h

Persistence and degradability : No data available.
Bioaccumulative potential : No data available.
Mobility in soil : No data available.
Results of PBT and vPvB assessment : No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

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14.1 UN number

ADR/RID: 1170

IMDG: 1170

IATA: 1170

14.2 UN proper shipping name

ADR/RID

: ETHANOL SOLUTION.

IMDG

: ETHANOL SOLUTION.

IATA

: ETHANOL SOLUTION.

14.3 Transport hazard class(es)

ADR/RID: 3

IMDG: 3

IATA: 3

14.4 Packaging group

ADR/RID: III

IMDG: III

IATA: III

14.5 Environmental hazards

ADR/RID: No.

IMDG Marine Pollutant: No.

IATA: No.

15. REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and & its amendment Regulation (EC) No. 453/2010.

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

Chemical Safety Assessment

No data available.

16. OTHER INFORMATION

Information on revision

| | |
|---------------------|---------------|
| Creation Date | Mar. 28, 2018 |
| Revision Date | - |
| Reason for revision | - |

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conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of document

Note:

- Photo(s) below is include.

GIG

ORIGINAL

Sample Photo(s):

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