



MSDS

MATERIAL SAFETY DATA SHEET

Sample Description & Model	Counterfeit Money Detector Pen DC-665
Applicant	Perco Inc.
Address	辽宁省营口市站前区辽河大街东96甲-甲10号 NO.10 EAST 96A-JIA,LIAOHE STREET, ZHANQIAN DISTRICT,YINGKOU LIAONING CHINA
Issue date	2023-12-26

深圳市倍通检测股份有限公司
Shenzhen BST Technology Co., Ltd.

Written by: Wenjun
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Approved by: Janson Yan

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Material Safety Data Sheet

化学品信息 Chemical product information			
样品名称 Sample Name	Counterfeit Money Detector Pen	样品型号 Sample Model	DC-665
系列型号	DC-798 DC-1379 DC-1050 DC-1051 DC-1052 DC-1053 DC-1054 DC-1055 DC-6650		
收样日期 Sample Receiving Date	2023-12-12	产品推荐及限制用途 Sample Uses	---
单位信息 Company information			
委托单位 Applicant	Perco Inc.		
委托单位地址 Client address	辽宁省营口市站前区辽河大街东96甲-甲10号 NO.10 EAST 96A- JIA,LIAOHE STREET, ZHANQIAN DISTRICT,YINGKOU LIAONING CHINA		
生产单位 Manufacturer	Perco Inc.		
生产单位地址 Manufacturer address	辽宁省营口市站前区辽河大街东96甲-甲10号 NO.10 EAST 96A- JIA,LIAOHE STREET, ZHANQIAN DISTRICT,YINGKOU LIAONING CHINA		
联系电话 Telephone	13081711927		
邮政编码 Post code	---		
应急电话 Emergency telephone	---		
电子邮件 E-mail	---		

**Results**

MSDS(Material Safety Data Sheet)							
1 Identification of the substance/Preparation and of the company							
PRODUCT NAME	:Counterfeit Money Detector Pen						
PRODUCT TYPE	:/						
Manufacturer/Supplier	:Perco Inc.						
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.							



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.

**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

**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.



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.

**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.



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The "*" test data bid in this report is commissioned external testing, which is not within the scope of the laboratory's CNAS or CMA authorization, and does not have an impartial effect.

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Postal code: 518000

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