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## Safety Data Sheet

### 1 Identification

#### GHS Product Identifier

Product Name: **IDENTICULT AE CARDS W/REAGENTS**

Catalog Number: **KF4012**

Product Name: **IDENTICULT AE STRIPS W/PEP**

Catalog Number: **KF4080**

#### Supplier's details

KEY SCIENTIFIC PRODUCTS, INC  
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### 2 Hazard(s) identification

#### Classification of the substance or mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS)

**Acute Aquatic Toxicity - Category 1, H400**

**Chronic Aquatic Toxicity - Category 1, H410**

**Skin irritation - Category 2, H35**

**Eye irritation - Category 2A, H19**

**Specific target organ toxicity - single exposure - Category 3, Respiratory system. H335**

**Short-term (acute) aquatic hazard - Category 2, H401**

#### GHS label elements

Warning



Causes skin irritation

Causes serious eye irritation

May cause respiratory irritation

Very toxic to aquatic life with long lasting effects

Toxic to aquatic life with long lasting effects

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation occurs: Get medical advice/attention.

IF eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Collect spillage.

Collect spillage.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container to an approved waste disposal plant.

IF ON SKIN: Wash with plenty of water/wash with soap and water.

### Other hazards which do not result in classification

none

## 3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Hydrochloric acid	7647-01-0	231-595-7	3	Reagent # 2 Only
4-Dimethylaminocinnamaldehyde	6203-18-5	228-267-0	1	Reagent #2 Only

## 4 First-aid measures

### Description of necessary first-aid measures

<b>First Aid: Eye</b>	Check for an remove contact lenses. Immediately flush eyes with plenty of flowing water for 10-15 minutes, keeping eyelids open. If irritation persists, consult a physician.
<b>First Aid: Skin</b>	Wash Immediately with soap and water for at least 15 minutes. Remove and wash contaminated clothing and shoes before reuse. If irritation persists, contact a physician.
<b>First Aid: Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration and immediately seek medical attention.
<b>First Aid: Ingestion</b>	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical advice.

### Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

### Indication of immediate medical attention and special treatment needed, if necessary

No data available.

## 5 Fire-fighting measures

### Suitable extinguishing media

Carbon oxides, Nitrogen oxides (NOx).

### Specific hazards arising from the chemical

No data available.

### Special protective actions for fire-fighters

In the event of a fire, wear protective clothing and NOISH-approved breathing apparatus necessary to prevent any possible irritation.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Wear protective equipment: chemical resistant gloves. Keep unprotected persons away.

### Environmental precautions

Do not let enter drains.

### Methods and materials for containment and cleaning up

Wipe up with a damp sponge or mop.

For disposal see section 13.

## 7 Handling and storage

### Precautions for safe handling

Wear appropriate personal protective equipment.

### Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in a cool, dry place in accordance with specified storage conditions.

## 8 Exposure controls/personal protection

### Control parameters

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

### Appropriate engineering controls

Immediately change contaminated clothing. Apply preventative skin protection. Wash hands and face after working with substrate.

### Individual protection measures

<b>Eye / Face</b>	Safety Goggles.
<b>Skin</b>	Chemical resistant gloves. Wash thoroughly after handling.
<b>Respiratory</b>	None for normal use.
<b>Thermal Hazards</b>	No data available.

## 9 Physical and chemical properties

### Physical and chemical properties

<b>Appearance:</b>	Physical state: Solid Color: Off-white
<b>Odor:</b>	Distinctive

## 10 Stability and reactivity

### Reactivity

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	This product is stable.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	No information available.
<b>Incompatible materials</b>	No determined.
<b>Hazardous decomposition products</b>	None.

### Chemical stability

Stable under recommended storage conditions

### Possibility of hazardous reactions

No data available.

### Conditions to avoid

No information available

### Incompatible materials

Strong oxidizing agents, Strong bases.

### Hazardous decomposition products

In the event of fire: see section 5

## 11 Toxicological information

### Toxicological (health) effects

#### Acute toxicity:

Inhalation: No data available.

Dermal: No data available.

#### Skin corrosion/irritation

Causes skin irritation. Harmful if absorbed through the skin.

#### Serious eye damage/eye irritation

Causes eye irritation.

#### Respiratory or skin sensitisation

Harmful if ingested or inhaled. Causes irritation to respiratory system .

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as

probable, possible, or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by OSHA.

**Reproductive toxicity**

No data available.

**Specific organ toxicity - single exposure**

Inhalation-May cause respiratory irritation.

**Specific organ toxicity - repeated exposure**

No data available.

**Additional information**

RTECS: MW4025000

Inhalation of vapors may cause: Burning sensation, Cough, Wheezing, Shortness of breath, Spasm, Inflammation and edema of the larynx, Pneumonitis, Pulmonary edema (Hydrochloric acid). To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**12 Ecological information**

**Toxicity**

Toxicity to fish: LC50-Pimephales promelas (fathead minnow)-5.9 mg/l -96 h

**Persistence and degradability**

No data available.

**Bioaccumulative potential**

No data available.

**Mobility in soil**

No data available.

**Other adverse effects**

No data available.

**13 Disposal considerations**

**Disposal methods**

**Product**

Waste material must be disposed of in accordance with national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

**14 Transport information**

**UN Number**

<b>DOT hazard class</b>	None.
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<b>Shipping name</b>	None.
<b>Identification number</b>	None.
<b>Packing group</b>	None.

**UN Proper Shipping Name**

Hydrochloric Acid

**Transport hazard class(es)**

Class 8 Corrosive Material

**Packing group, if applicable**

Packing Group II

**15 Regulatory information**

**Safety, health and environmental regulations specific for the product in question**

<b>Carcinogenicity</b>	<b>Yes / No</b>
NTP:	No
IARC:	No
OSHA:	No
California Prop 65:	No

**16 Other information**

**Other information**

The above information, to the best of our knowledge, is accurate. Key Scientific Products assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.