

# Material Safety Data Sheet

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

### - Product Name:

Evolet SC3

### - Supplier

COMPANY
ROTEK WATER SYSTEMS CO., LTD. No.2, S. 1st Rd., Pingtung City, Pingtung County 900, Taiwan (R.O.C.)
EMERGENCY TELEPHONE NUMBERS
EMERGENCY : + 886-938709309

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### - Product Description

Ferric Chloride	FeCl <sub>3</sub>	CAS No: 7705-08-0
Silica	SiO <sub>2</sub>	CAS-No.: 14808-60-7
Calcium Hydroxide	Ca(OH) <sub>2</sub>	CAS-No. 1309-42-8

### - Hazardous Ingredients

None

## 3. HAZARDS IDENTIFICATION

Human Hazards

Not known

## 4. FIRST AID MEASURES

- General Precautions: None
- Inhalation: Prevent Inhalation the Dust, Irritation to mucous membranes
- Skin Contact: Prevent Skin contact, irritation possibility
- Eye Contact: Rinse with plenty of water for at least 15 minutes
- Ingestion : Material is not expected to be harmful by ingestion  
No specific first aid measures are required

## 5. FIRE FIGHTING MEASURES

- Non flammable

- Extinguishing Media

Use an extinguishing medium appropriate for the surrounding fire.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions

No specific precautions are required.

- Methods for Cleaning Up

Sweep up into containers for disposal.

Flush spill area with water

## 7. HANDLING

- Handling

Minimize dust.

- Storage

None

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

- General Precautions

Food and beverages should not be stored or consumed where this material is in use.

Before eating, drinking, or smoking, wash face and hands with soap and water.

- Hand Protection

Not required.

- Eye Protection

In windy areas wear safety goggles.

- Skin Protection

No specific protection necessary.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : granulate material

- Colour : auburn/yellowish

- Odour : none

- Melting Point : Not applicable

- Boiling Point (1013 hPa) : Not applicable

- Autoignition Temp. : Not applicable

- Decomposition Temp. : Not applicable

- Vapour Pressure: Not applicable

- Gravity (20 °C) : ca. 650 ± 50 g/cm<sup>3</sup> (0,5 – 2,0 mm diameter)

- Solubility in Water (20 °C) : insoluble as expected from the ingredients

- pH (100 g/l in Water) (20 °C) : 7 - 8
- Viscosity: Not applicable

#### **10. STABILITY AND REACTIVITY**

- Conditions to Avoid  
None known.
- Hazardous Decomposition Products  
None known.

#### **11. TOYICOLOGICAL INFORMATION**

- Toxicity : LD<sub>50</sub> (oral, rat) >5.000 mg/kg
- Skin : Not irritating
- Eyes : Not irritating
- Additional Information : None

#### **12. ECOLOGICAL INFORMATION**

- **Elimination**
- Biological Decomposing Evolet SC3 Removal is not biological decomposable, because of its inorganic ingredients.
- Additional Information  
None

#### **13. DISPOSAL CONSIDERATIONS**

- Product  
Using in ore dressing industries ore formation of sulphuric acid

#### **14. TRANSPORT INFORMATION**

Not hazardous.

#### **15. LABELING**

- EEC Marking and Labelling  
Symbol: None

#### **16. OTHER INFORMATION**

None

## Salt Free Scale Control Media Technical Data Sheet

<b>PH Range</b>	6.0 to 9.0
<b>Operating Temperatures</b>	41 F to 140 F
<b>Lifetime</b>	3 years or more – (residential), no need for regeneration
<b>Capacity</b>	1 Liter of Media for every 3.0gpm water flow
<b>Large Media Particles</b>	> 1,180 $\mu$ m: maximum 5, 0%
<b>Small Media Particles</b>	< 0,300 $\mu$ m: maximum 3, 0%
<b>Media Particle Size</b>	550 to 750 $\mu$ m
<b>Weight</b>	650grams/Liter
<b>Density</b>	1, 18 to 1, 22
<b>Moisture Content</b>	24 to 28%
<b>Surface</b>	Ceramic Template
<b>Appearance</b>	Light yellow/beige spherical balls
<b>Matrix</b>	Polyacryl Network