

\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

快件声明物安全特性报告

\*\*\*\* SECTION 1 – IDENTIFICATION OF THE SUBSTANCE AND COMPANY IDENTIFICATION \*\*\*\*

第一部分 化工产品及其发件单位

MSDS Name(报告物名称): Pyrroloquinoline Quinone Disodium Salt; PQQ ;

Cas No :122628-50-6

Company Identification(发件公司名称): ShenZhen Dieckmann Tech co., LTD

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\*\*\*\* SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\*

Hazards Identification (危险特性):

**Eyes:**

May cause eye irritation

**Skin:**

May cause skin irritation

**For human and environment : Not Applicable**

**Other hazards that do not results in classification : No information known**

\*\*\*\* SECTION 3 - HAZARDS IDENTIFICATION \*\*\*\*

危险特征

**Eyes:**

May cause eye irritation

**For human and environment : Not Applicable**

**Other hazards that do not results in classification : No information known**

\*\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*\*

应急医疗救治

Description of first aid measures after inhalation : Supply fresh air ,m it required, provide artificial respiration , keep patient warm , consult doctor if symptoms persist .



Eyes 眼睛: Flush eye with plenty of water and holding eyelids open, get medical attention if irritation persists.

Skin 皮肤: immediately wash with water and soap thoroughly, Seek Immediate medical advice

Ingestion 误食: Remove victim to fresh area, administer artificial respiration if breathing is stopped, seek medical attention

\*\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*\*

消防扑救方法

**Extinguishing Media:**

CO<sub>2</sub>, Extinguishing powder or water spray, fight large fires with water jar or alcohol-resistant foam, dry chemical or carbon dioxide

**Special hazards arising from the substance or mixture :** If this products is involved in a fire ,m the following can be released:

Carbon monoxide and carbon Dioxide

**Advice for firefighters protective equipment:**

Wear self contained breathing apparatus and protective clothing

\*\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\*\*

事故处理

**Personal precautions protective equipment and emergency procedures :**

Wear full protective clothing , keep unprotected persons away . ensure adequate ventilation .

**Environmental Precautions :**

Do not allow this material to be released to the environment without proper governmental permits

Do not allow this material to be reach sewage system or water bodies

Do not allow this material to be to enter the ground / soil

**Methods and material for containment and cleaning up :**

Absorb with liquid-binding materials ( sand , diatomite , acid binders , universal binders, sawdust )

**Prevent of secondary hazards:**

Keep away from ignition sources

**Reference to other sections**

See above for information on safe handling

See above for information on personal protection equipment

See above for information on disposal

\*\*\*\* SECTION 7 - HANDLING and STORAGE \*\*\*\*

处理和存放

Precautions for safe handling :



Keep containers tightly sealed  
stored in a clean, cool, dry area; keep away from moisture and strong, direct light/heat.

\*\*\*\* SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION \*\*\*\*  
安全控制和人员保护

**Additional information about design of technical systems:**

Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute .

**Control parameters Monitoring at the workplace**

No Required

**Personal Protective Equipment**

**General protective and hygienic measures :**

The usual precautionary measures should be adhered to in handling the chemicals

Keep away from foodstuffs , beverages and food

Wash hands during breaks and at the end of work

Avoid contact with the eyes and skin

**Breathing equipment :**

Use breathing protection with high concentrations

**Protection of hands:**

Check protective gloves prior to each use for their proper condition .

The selection of the suitable gloves does not only depend on the material , but also on further marks of quality and varies from manufacturer to manufacturer .

**Material of gloves :**

Impervious gloves

**Eye protection :**

Safety glasses

Face protection

And protective working cloth

\*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\*

**Physical State (物理状态) :** Power

**Color (颜色) :** dark Red

**Odor (味道) :** non-smell

**pH:** no-data

**Melting point :** no-data

**Boiling Point (沸点) :** no-data

**Sublimation temperatures / start :** no-data

**Flash Point (闪点) :** no-data

**Inflammability ( Solid Gaseous ) :** no-data



**Ignition temperature** : no-data  
**Decomposition Temperature (分解温度)** : no-data  
**Self Inflammability**: no-data  
**Explosion Limits, lower (爆炸极限, 低)** : no-data  
**Explosion Limits, upper (爆炸极限, 高)** : no-data  
**steam Pressure (蒸汽压力)** : no-data  
**Density** :  
**Relative Density**: no-data  
**Vapour Density**: no-data  
**Solubility in water (溶解度)** : Not miscible or difficult mix  
**Partiyion coefficient** : no-data

\*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\*

稳定性和活性

**Reactivity**

No information known

**Chemical Stability 化学稳定性:**

Stable under normal conditions.

**Incompatible material:**

No information known

**Conditions to Avoid: 应避免的环境**

No decomposition if used and stored according to specifications

**Hazards decomposition products :**

Carbon monoxide and carbon dioxide

\*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\*

毒性信息

**Non-information**

\*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\*

生态学信息

**General information :**

DO not allow this material to be released to the environment without proper governmental permits

Generally not hazardous for water

Avoid transfer into the environment

**Others :** No Information

\*\*\*\* SECTION 13 - DISPOSAL CONSIDERATIONS \*\*\*\*

销毁建议

**Waste treatment methods Recommendation :**

Hand over to disposers of hazardous waste

Must be specially treated under adherence to official regulations

Consult sate , local or national regulations for proper disposal



**Uncleaned packagings recommendation :**

Disposal must be made according to official regulations

\*\*\*\* SECTION 14 - TRANSPORT INFORMATION \*\*\*\*

空运信息

**Transport Fashion:**

**Non-dangerous material**

By air, by sea, by railway, by road.

\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\*

政府监管信息

**Safety, health and environmental regulations? Legislation specific for the substance or mixtures Australian inventory of chemical substance**

substance is not listed

**Standard for the uniform scheduling of drugs and poisons**

substance is not listed

**National regulations information about limitation of use :**

Employment restrictions concerning young persons must be observed

For use only by technically qualified individuals

**ELINCS ( Europeans list of notified chemicals substance )**

substance is not listed

**REACH –Pre –registered substance**

substance is not listed

\*\*\*\* SECTION 16 - OTHER INFORMATION \*\*\*\*

其它信息

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

**Reported by: (报告人)**

ShenZhen Dieckmann Tech Co.Ltd

日期: 2019.1.30

Authorized Person: \_Nancy\_

报告人

Signature

签名:

