

# MATERIAL SAFETY DATA SHEET

## 快件声明物安全特性报告

MSDS Name (报告物名称): D-Pyroglutamic acid

### SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### 第一部分 化工产品及发件单位

MSDS Name (报告物名称): D-Pyroglutamic acid

Catalog Numbers (化工品分类号): D-6371

Synonyms(又名): H-D-Pyr-OH

Company Identification(发件公司名称): Sichuan Tongsheng Amino acid Co., Ltd

For information call(一般联系电话): 86-838-2274206

For emergencies call(应急联系电话): 86-13981077607

### SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

#### 第二部分 成分特点

C A S # 化学特性索引号码	Chemical Name 化学名称	% 浓度	EINECS# 现存化学物质欧洲数据库号码
4042-36-8	D-Pyroglutamic acid		

### SECTION 3- HAZARDS IDENTIFICATION

#### 第三部分 危险特征

EMERGENCY OVERVIEW 概述 Possible irritant

### SECTION 4 FIRST AID MEASURES

#### 第四部分 应急医疗救治

Eyes 眼睛: Immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin 皮肤: wash skin with soap and copious amounts of water

Ingestion 误食: Wash out mouth with water provided person is conscious. Call a physician

Inhalation 吸入: Remove to fresh air. If not breathing becomes difficult, Call a physician

Notes to Physician 给内科医生的建议: N/A

### SECTION 5 FIRE FIGHTING MEASURES

#### 第五部分 消防补救方法

### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### 第六部分 事故处理

General Information (一般信息): Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

Spills/Leaks 泄露 / 溢出: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust Ventilate area and wash spill site after material pickup is complete.

### SECTION 7 HANDLING and STORAGE

#### 第七部分 处理和存放

Handling 处理: Fumehood.

Storage 存放: Adequate ventilate.

### SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

#### 第八部分 安全控制和人员保护

Engineering Controls 机械控制: Mechanical exhaust required.

Personal Protective Equipment 个人防护:

Avoid inhalation.

Avoid contact with eyes, skin and clothing.

Avoid prolonged or repeated exposure. Niosh/msha- approved respirator.  
Compatible chemical-resistant gloves .. Chemical safety goggles.  
Keep tightly closed. Store in a cool dry place.  
Wash thoroughly after handling.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 第九部分 物化性质

Physical State(物理状态): 固体	Color(颜色): white 白色
Odor(气味): N/A	pH: N/A
Vapor Pressure(蒸汽压力): N/A	Viscosity(黏度): N/A
Boiling Point(沸点): N/A	Freezing/Melting Point (熔点) :N/A
Autoignition Temperature(自燃温度): N/A	Flash Point(闪点): N/A
Explosion Limits, Lower(爆炸极限, 低): N/A	Explosion Limits, upper(爆炸极限, 高): N/A
Decomposition Temperature(分解温度): N/A	Solubility in water(溶解度): N/A
Molecular Formula(分子式): C <sub>5</sub> H <sub>7</sub> NO <sub>3</sub>	Molecular Weight(分子量): 129

## SECTION 10 STABILITY AND REACTIVITY

### 第十部分 稳定性和活性

Chemical stability 化学稳定性: Stable  
Conditions to Avoid: 应避免的环境 Strong oxidizing /reducing agents, strong acids, strong bases

## SECTION 11 TOXICOLOGICAL INFORMATION

### 第十一部分 毒性信息

Acute and chronic health Hazards: Oral LD50: >7000mg/kg (rat)  
IPR LD50: >711mg/kg(moose)

## SECTION 12 ECOLOGICAL INFORMATION

### 第十二部分 生态学信息

## SECTION 13 DISPOSAL CONSIDERATIONS

### 第 1 3 部分 销毁建议

## SECTION 14 TRANSPORT INFORMATION

### 第 1 4 部分 空运信息

Reported by: (报告人)

Company Name: 四川同晟氨基酸有限公司

公司名称:

Authorized Person: 伍万兵

报告人:

Date: 2013-11-16

日期:

Signature: \_\_\_\_\_

签名:

