



# Chemical Safety Data Sheet MSDS / SDS

## 化学品安全数据表 MSDS / SDS

### Tris(hydroxymethyl)aminomethane

### 三羟甲基氨基甲烷

Revision Date:2024-10-16 Revision Number:2.0

修订日期: 2024-10-16 修订编号: 2.0

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 第 1 节: 物质/混合物和公司/企业的标识

#### Product identifier

##### 产品标识符

|               |                                   |
|---------------|-----------------------------------|
| Product name  | : Tris(hydroxymethyl)aminomethane |
| 产品名称          | : 三 (羟甲基) 氨基甲烷                    |
| CBnumber      | : CB8336488                       |
| CB 编号         |                                   |
| CAS           | : 77-86-1                         |
| 化学文摘社         |                                   |
| EINECS Number | : 201-064-4                       |
| EINECS 编号     |                                   |
| Synonyms      | : Tris,TROMETHAMINE               |
| 同义词:          | : 氨丁三醇                            |

#### Relevant identified uses of the substance or mixture and uses advised against

##### 物质或混合物的相关已确定用途和建议禁止用途

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| Relevant identified uses | : For R&D use only. Not for medicinal, household or other use. |
| 已确定的相关用途                 | : 仅供研发使用。不得用于医疗、家庭或其他用途。                                       |
| Uses advised against     | : none                                                         |
| 建议禁止的用途                  | : 无                                                            |

#### Company Identification

##### 公司标识

|           |                                                              |
|-----------|--------------------------------------------------------------|
| Company   | : Hubei Grand Fuchi Pharmaceutical & Chemicals Co., Ltd      |
| 公司名称      | : 湖北远大富驰医药化工股份有限公司                                           |
| Address   | : Grand Pharma Fuchi Industrial Park, Huangshi, Hubei, China |
| 公司地址      | : 中国湖北黄石远大医药富池工业园                                            |
| Telephone | : 86-27-83248187                                             |
| 联系电话      |                                                              |

## SECTION 2: Hazards identification

### 第 2 节: 危害识别

#### Classification of the substance or mixture

##### 物质或混合物的分类

Not classified.  
未分类。

#### Label elements

##### 标签要素

#### Pictogram(s)

##### 图标



Signal word

Warning

信号词 警告

#### Hazard statement(s)

##### 危险说明

H315 Causes skin irritation

H315 会刺激皮肤

H319 Causes serious eye irritation

H319 对眼睛造成严重刺激

H335 May cause respiratory irritation

H335 可能会刺激呼吸道

#### Precautionary statement(s)

##### 防范说明

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P261 避免吸入粉尘/烟雾/气体/烟雾/蒸气/喷雾。

P264 Wash hands thoroughly after handling.

P264 操作后彻底清洗双手。

P264 Wash skin thoroughly after handling.

P264 操作后彻底清洗皮肤。

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P280 戴防护手套/穿防护服/戴防护眼镜/戴防护面具。

P304+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

P304+p340 如果吸入：将受害者转移到空气新鲜处，并保持呼吸舒适的姿势休息。

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continuerinsing.

P305+P351+P338 如果进入眼睛：用水小心冲洗几分钟。取下隐形眼镜（如果有且易于取下）。

P337+P313 IF eye irritation persists: Get medical advice/attention.

P337+P313 如果持续刺激眼睛：求医/就诊。

P405 Store locked up.

P405 锁起来存放。

#### Prevention

##### 预防

none

无

#### Response

##### 应对措施

none

无

#### Storage

##### 存储

none

无

#### Disposal

##### 处理

none

无

#### Other hazards

##### 其他危害

no data available

无数据

## SECTION 3: Composition/information on ingredients

### 第 3 部分：成分/成分信息

#### Substance

物质

|              |                                                  |
|--------------|--------------------------------------------------|
| Product name | : Tris(hydroxymethyl)aminomethane                |
| 产品名称         | : 三（羟甲基）氨基甲烷                                     |
| Synonyms     | : Tris,TROMETHAMINE                              |
| 同义词          | : 氨丁三醇                                           |
| CAS          | : 77-86-1                                        |
| 化学文摘社        |                                                  |
| EC number    | : 201-064-4                                      |
| EC 编号：       |                                                  |
| MF           | : C <sub>4</sub> H <sub>11</sub> NO <sub>3</sub> |
| 分子式          |                                                  |
| MW           | : 121.14                                         |
| 分子量          |                                                  |

SECTION 4: First aid measures

第 4 节：急救措施

Description of first aid measures

急救措施说明

If inhaled

如果吸入

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

让受害者呼吸新鲜空气。如果呼吸困难，给予氧气。如果无法呼吸，进行人工呼吸并立即就医。如果受害者摄入或吸入了化学品，切勿进行口对口人工呼吸。

Following skin contact

皮肤接触后

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

立即脱掉受污染的衣物。用肥皂和大量清水冲洗。咨询医生。

Following eye contact

眼睛接触后

Rinse with pure water for at least 15 minutes. Consult a doctor.

用纯净水冲洗至少 15 分钟。咨询医生。

Following ingestion

摄入后

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

用水漱口。不要催吐。切勿给昏迷者口服任何药物。致电

Most important symptoms and effects, both acute and delayed

最重要的急性和延迟症状和影响

no data available

无数据

Indication of any immediate medical attention and special treatment needed

说明是否需要立即就医和特殊治疗

no data available

无数据

SECTION 5: Firefighting measures

第 5 节：消防措施

Extinguishing media

灭火剂

Use dry chemical, carbon dioxide or alcohol-resistant foam.

使用干化学物、二氧化碳或耐酒精泡沫。

Specific Hazards Arising from the Chemical  
化学品引起的具体危害

no data available  
无数据

Advice for firefighters  
给消防员的建议

Wear self-contained breathing apparatus for firefighting if necessary.  
必要时佩戴自给式呼吸器进行灭火。

NFPA 704



|                                    |   |                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ◆<br>健康                            | 2 | Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury (e.g. diethyl ether, ammonium phosphate, iodine)<br>强烈或持续但非长期接触可导致暂时丧失能力或可能的残余损伤（如二乙醚、磷酸铵、碘）。                                                                                                                                                                                            |
| ◆<br>火灾                            | 1 | Materials that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur. Includes some finely divided suspended solids that do not require heating before ignition can occur. Flash point at or above 93.3 °C (200 °F). (e.g. mineral oil, ammonia)<br>在所有环境温度条件下，需要大量预热才能发生点火和燃烧的材料。包括一些在点火前不需要加热的细小悬浮固体。闪点达到或超过 93.3 °C (200 °F)。(如矿物油、氨)。 |
| ◆<br>反应                            | 1 | Normally stable, but can become unstable at elevated temperatures and pressures (e.g. propene)<br>通常稳定，但在高温高压下会变得不稳定（如丙烯）。                                                                                                                                                                                                                                                                              |
| ◇<br>SPEC.<br>HAZ.<br>SPEC. 危<br>险 |   |                                                                                                                                                                                                                                                                                                                                                                                                         |

SECTION 6: Accidental release measures

第 6 节：意外释放措施

Personal precautions, protective equipment and emergency procedures

个人预防措施、防护设备和应急程序

Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.  
避免形成粉尘。避免吸入雾气、气体或蒸汽。使用个人防护设备。确保充分通风。将人员疏散到安全区域。让人们远离溢出/泄漏点和上风处。

Environmental precautions

环境预防措施

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.  
在安全的情况下防止进一步溢出或泄漏。不要让化学品进入下水道。必须避免排放到环境中。

Methods and materials for containment and cleaning up

围堵和清理的方法和材料

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.  
收集并安排处置。将化学品保存在合适的密闭容器中进行处置。清除所有火源。使用防火花工具和防爆设备。粘附或收集的材料应立即按照相关法律法规进行处置。

SECTION 7: Handling and storage

第 7 节：处理和储存

**Precautions for safe handling**  
**安全处理注意事项**

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.  
在通风良好的地方搬运。穿戴合适的防护服。避免接触皮肤和眼睛。避免形成粉尘和气溶胶。使用不产生火花的工具。防止静电放电蒸汽引起火灾。

**Conditions for safe storage, including any incompatibilities**  
**安全储存条件，包括任何不相容性**

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.  
将容器密封存放在干燥、阴凉和通风良好的地方。与食品容器或不相容材料分开存放。

---

**SECTION 8: Exposure controls/personal protection**  
**第 8 节：接触控制/个人防护**

**Control parameters**  
**控制参数**

**Occupational Exposure limit values**  
**职业接触限值**

no data available  
无数据

**Biological limit values**  
**生物限值**

no data available  
无数据

**Exposure controls**  
**接触控制**

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.  
确保充分通风。按照良好的工业卫生和安全规范进行处理。设置紧急出口和风险消除区。

**Individual protection measures**  
**个人防护措施**

**Eye/face protection**  
**眼睛/面部防护**

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).  
佩戴符合 EN 166（欧盟）或 NIOSH（美国）标准的带侧护罩的紧贴型安全护目镜。

**Skin protection**  
**皮肤防护**

Wear fire/flammable resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.  
穿防火/阻燃和不透水的衣服。戴手套操作。使用前必须检查手套。洗手并擦干。所选防护手套必须符合欧盟指令 89/686/EEC 和由此衍生的 EN 374 标准的规定。

**Respiratory protection**  
**呼吸防护**

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.  
如果超过接触限值，出现刺激或其他症状，请使用全面式呼吸器。

**Thermal hazards**  
**热危害**

no data available  
无数据

---

**SECTION 9: Physical and chemical properties**  
**第 9 节：物理和化学特性**

**Information on basic physicochemical properties**  
**基本物理化学特性信息**

|                                                          |                                                                              |
|----------------------------------------------------------|------------------------------------------------------------------------------|
| Physical state                                           | crystalline                                                                  |
| 物理状态                                                     | 晶状                                                                           |
| Colour                                                   | white                                                                        |
| 颜色                                                       | 白色                                                                           |
| Odour                                                    | no data available                                                            |
| 气味                                                       | 无数据                                                                          |
| Melting point/freezing point                             | 169 °C. Atm. press.:Ca. 1 013 hPa.                                           |
| 熔点/冰点                                                    |                                                                              |
| Boiling point or initial boiling point and boiling range | 288 °C. Atm. press.:>= 101.06 - <= 101.62 kPa.                               |
| 沸点或初沸点和沸程                                                |                                                                              |
| Flammability                                             | no data available                                                            |
| 可燃性                                                      | 无数据                                                                          |
| Lower and upper explosion limit/flammability limit       | no data available                                                            |
| 爆炸下限和上限/易燃上限                                             | 无数据                                                                          |
| Flash point                                              | 48°C(lit.)                                                                   |
| 闪点                                                       |                                                                              |
| Auto-ignition temperature                                | Remarks:No relative self-ignition temperature below the melting temperature. |
| 自燃温度                                                     | 备注：熔点以下无相对自燃温度。                                                              |
| Decomposition temperature                                | no data available                                                            |
| 分解温度                                                     | 无数据                                                                          |
| pH                                                       | 10.5-12.0(4 M in water, 25 °C)                                               |
| pH 值                                                     |                                                                              |
| Kinematic viscosity                                      | no data available                                                            |
| 运动粘度                                                     | 无数据                                                                          |
| Solubility                                               | H <sub>2</sub> O: 4 M at 20 °C, clear, colorless                             |
| 溶解性                                                      | 透明，无色                                                                        |
| Partition coefficient n-octanol/water                    | Pow = 0.005. Temperature:20 °C. Remarks:Log Pow = -2.31.                     |
| 正辛醇/水分配系数                                                | 温度 备注                                                                        |
| Vapour pressure                                          | 0.0267 hPa (20 °C)                                                           |
| 蒸汽压                                                      |                                                                              |
| Density and/or relative density                          | 1.32. Temperature:20.4 °C                                                    |
| 密度和/或相对密度                                                | 温度：20.4 °C                                                                   |
| Relative vapour density                                  | no data available                                                            |
| 相对蒸汽密度                                                   | 无数据                                                                          |
| Particle characteristics                                 | no data available                                                            |
| 颗粒特性                                                     | 无数据                                                                          |

## SECTION 10: Stability and reactivity

### 第 10 节：稳定性和反应性

#### Reactivity

##### 反应性

no data available

无数据

#### Chemical stability

##### 化学稳定性

no data available

无数据

#### Possibility of hazardous reactions

##### 发生危险反应的可能性

no data available

无相关数据

#### Conditions to avoid

##### 应避免的条件

no data available

无数据

## Incompatible materials

### 不相容材料

no data available

无数据

## Hazardous decomposition products

### 危险分解产物

no data available

无数据

---

## SECTION 11: Toxicological information

### 第 11 节：毒理学信息

#### Acute toxicity

##### 急性毒性

Oral: LD50 - rat (female) - > 5 000 mg/kg bw.

口服：半数致死剂量--大鼠（雌性）--> 5 000 毫克/千克体重。

Inhalation: no data available

吸入：无数据

Dermal: LD50 - rat (male/female) - > 5 000 mg/kg bw.

皮肤：半数致死剂量 - 大鼠（雄性/雌性） - > 5 000 毫克/千克体重。

#### Skin corrosion/irritation

##### 皮肤腐蚀/刺激

no data available

无数据

#### Serious eye damage/irritation

##### 严重眼损伤/刺激

no data available

无数据

#### Respiratory or skin sensitization

##### 呼吸道或皮肤过敏

no data available

无数据

#### Germ cell mutagenicity

##### 生殖细胞诱变性

no data available

无数据

#### Carcinogenicity

##### 致癌性

no data available

无数据

#### Reproductive toxicity

##### 生殖毒性

no data available

无数据

#### STOT-single exposure

##### STOT-单次接触

no data available

无数据

**STOT-repeated exposure**  
**STOT - 重复接触**

no data available  
无数据

**Aspiration hazard**  
**吸入危害**

no data available  
无数据

---

**SECTION 12: Ecological information**  
**第 12 节：生态信息**

**Toxicity**  
**毒性**

Toxicity to fish: LC0 - 4 000 mg/L - 96 h.  
对鱼类的毒性： LC0 - 4 000 毫克/升 - 96 小时。  
Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia magna - > 980 mg/L - 48 h.  
对水蚤和其他水生无脊椎动物的毒性： EC50 - 大型蚤 - > 980 毫克/升 - 48 小时。  
Toxicity to algae: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - 397 mg/L - 72 h.  
对藻类的毒性： EC50 - Pseudokirchneriella subcapitata (以前的名称： Raphidocelis subcapitata、Selenastrum capricornutum) - 397 mg/L - 72 小时。  
Toxicity to microorganisms: EC50 - activated sludge of a predominantly domestic sewage - > 1 000 mg/L - 3 h. Remarks:Respiration rate.  
对微生物的毒性： EC50 - 主要为生活污水的活性污泥 - > 1 000 mg/L - 3 h。

**Persistence and degradability**  
**持久性和降解性**

no data available  
无数据

**Bioaccumulative potential**  
**生物累积潜力**

no data available  
无数据

**Mobility in soil**  
**在土壤中的迁移性**

no data available  
无数据

**Other adverse effects**  
**其他不良影响**

no data available  
无数据

---

**SECTION 13: Disposal considerations**  
**第 13 节：处置注意事项**

**Disposal methods**  
**处理方法**

**Product**  
**产品**

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.  
可将该物质移至有许可证的化学销毁厂或通过烟气洗涤进行控制性焚烧。切勿因储存或处置而污染水、食品、饲料或种子。切勿排入下水道系统。

Contaminated packaging

受污染的包装

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

可以对容器进行三重冲洗（或类似冲洗），然后进行回收或翻新。或者，可以刺破包装，使其无法用于其他目的，然后将其丢弃到卫生填埋场。对于可燃包装材料，可通过烟气洗涤进行有控制的焚烧。

SECTION 14: Transport information

第 14 节：运输信息

UN Number

联合国编号

ADR/RID: Not dangerous goods.

非危险品

IMDG: Not dangerous goods.

非危险品

IATA: Not dangerous goods.

非危险品

UN Proper Shipping Name

联合国正式运输名称

ADR/RID: Not dangerous goods.

非危险品

IMDG: Not dangerous goods.

非危险品

IATA: Not dangerous goods.

非危险品

Transport hazard class(es)

运输危险等级

ADR/RID: Not dangerous goods.

非危险品

IMDG: Not dangerous goods.

非危险品

IATA: Not dangerous goods.

非危险品

Packing group, if applicable

包装类别（如适用）

ADR/RID: Not dangerous goods.

非危险品

IMDG: Not dangerous goods.

非危险品

IATA: Not dangerous goods.

非危险品

Environmental hazards

环境危害

ADR/RID: No

无

IMDG: No

无

IATA: No

无

Special precautions for user

用户特别注意事项

no data available

无数据

## Transport in bulk according to IMO instruments

### 根据 IMO 文书进行散装运输

no data available

无数据

---

## SECTION 15: Regulatory information

### 第 15 节：法规信息

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

##### 针对相关产品的安全、健康和环境法规

###### European Inventory of Existing Commercial Chemical Substances (EINECS)

###### 欧洲现有商业化学物质清单 (EINECS)

Listed.

已列入。

###### EC Inventory

###### 欧共体清单

Listed.

已列入。

###### United States Toxic Substances Control Act (TSCA) Inventory

###### 美国有毒物质控制法 (TSCA) 目录

Listed.

已列入。

###### China Catalog of Hazardous chemicals 2015

###### 中国危险化学品目录 2015

Not Listed.

未列入。

###### New Zealand Inventory of Chemicals (NZIoC)

###### 新西兰化学品目录 (NZIoC)

Listed.

已列入。

###### PICCS

###### 菲律宾化学品和化学物质名录

Listed.

已列入。

###### Vietnam National Chemical Inventory

###### 越南国家化学品目录

Listed.

已列入。

###### IECSC

###### 中国现有化学物质名录

Listed.

已列入。

###### Korea Existing Chemicals List (KECL)

###### 韩国现有化学品清单 (KECL)

Listed.

已列入。

---

## SECTION 16: Other information

### 第 16 节：其他信息

#### Abbreviations and acronyms

##### 缩略语

CAS: Chemical Abstracts Service

CAS: 化学文摘社

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ADR: 欧洲国际道路运输危险货物协定

RID: Regulation concerning the International Carriage of Dangerous Goods by Rail

RID: 国际铁路运输危险货物条例

IMDG: International Maritime Dangerous Goods

IMDG: 国际海运危险货物规则

IATA: International Air Transportation Association

IATA: 国际航空运输协会

TWA: Time Weighted Average

TWA: 时间加权平均值 时间加权平均值

STEL: Short term exposure limit

STEL: 短期接触限值

LC50: Lethal Concentration 50%

LC50: 致命浓度 50%

LD50: Lethal Dose 50%

LD50: 致命剂量 50%

EC50: Effective Concentration 50%

EC50: 有效浓度 50%

## References

### 参考文献

IPCS - The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>

IPCS - 国际化学品安全卡 (ICSC), 网站: <http://www.ilo.org/dyn/icsc/showcard.home>

HSDB - Hazardous Substances Data Bank, website: <https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>

HSDB - 危险物质数据库, 网址: <https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>

IARC - International Agency for Research on Cancer, website: <http://www.iarc.fr/>

IARC - 国际癌症研究机构, 网址: <http://www.iarc.fr/>

eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: [http://www.echemportal.org/echemportal/index?pageID=0&request\\_locale=en](http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en)

eChemPortal - 经合组织的全球化学物质信息门户网站, 网址: [http://www.echemportal.org/echemportal/index?pageID=0&request\\_locale=en](http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en)

CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>

CAMEO Chemicals, 网站: <http://cameochemicals.noaa.gov/search/simple>

ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>

ChemIDplus, 网站: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>

ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: <http://www.phmsa.dot.gov/hazmat/library/erg>

ERG - 美国运输部的《应急指南》, 网站: <http://www.phmsa.dot.gov/hazmat/library/erg>

Germany GESTIS-database on hazard substance, website: <http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp>

德国 GESTIS--危险物质数据库, 网址: <http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp>

ECHA - European Chemicals Agency, website: <https://echa.europa.eu/>

ECHA - 欧洲化学品管理局, 网站: <https://echa.europa.eu/>

### Disclaimer:

#### 免责声明:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Hubei Grand Fuchi Pharmaceutical & Chemicals Co., Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See the reverse side of invoice or packing slip for additional terms and conditions of sale.

上述信息被认为是正确的, 但并不包含所有内容, 仅用作指导。本文件中的信息基于我们目前的知识水平, 并且适用于具有适当安全防护措施的产品。不代表对产品性能的任何保证。湖北远大富驰医药化工有限公司及其关联公司对因处理或接触上述产品而造成的任何损害不承担任何责任。有关附加销售条款和条件, 请参阅发票或装箱单的背面。