

## 制动液安全技术说明书 (Brake Fluid SDS)

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### 第 1 部分化学品及企业标识

#### SECTION 1 Identification of product and company

产品名称	制动液
PRODUCT NAME	BRAKE FLUID
产品型号	HZY4 (DOT4)
TYPE	
企业名称	张家港迪克汽车化学品有限公司
MANUFACTURER	Zhangjiagang TEEC Automotive Chemicals Co., Ltd.
地址	江苏省张家港市江苏扬子江国际化学工业园西金城路5号
ADDRESS	No.5, West Jincheng Road, Yangzi River International Chemical Industrial Zone, Zhangjiagang, Jiangsu, P. R. China
化学事故应急咨询电话	86-512-58189612 86-13921990120(24h)
Emergency number:	
产品推荐及限制用途	车辆用制动液
建议用途	Vehicle brake fluid
PRODUCT USE	无相关信息
使用限制	None identified
RESTRICTIONS ON USE	

### 第 2 部分 危险性概述

#### SECTION 2 Hazards Identification

##### 紧急情况概述 Emergency overview

物理状态: 液体 颜色: 浅黄 气味: 典型  
Physical State: Liquid Color: Light yellow Odor: Characteristic

H319: 造成严重眼刺激 H361d: 怀疑对胎儿造成伤害  
H319: Causes serious eye irritation. H361d: Suspected of damaging the unborn child.

高压射向皮肤可能会造成严重的损伤, 误吞有害或致命。摄取可能导致肾衰竭和中枢神经系统影

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响。长期接触高浓度的油雾或液体可能导致皮肤， 眼睛和呼吸道刺激。

Injection into skin under high pressure can cause serious injury, harmful or fatal if swallowed.

Ingestion may cause renal failure and central nervous system effects. Prolonged exposure to high concentrations of oil mist or liquid may cause skin, eye and respiratory irritation.

吞咽有害。怀疑对生育能力或胎儿造成伤害。长期或重复接触可能对器官造成损害。

Harmful if swallowed. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

### GHS 分类 GHSClassification

该物料的危险性分类与化学品分类和危险性公示通则(GB 13690-2009) 一致。

The hazard classification of this material is consistent with the General Rules for Chemical Classification and Hazard Communication (GB 13690-2009).

健康危害

H319: 造成严重眼刺激

Health hazards

H319: Causes serious eye irritation .

H361d: 怀疑对胎儿造成伤害

H361d: Suspected of damaging the unborn child.



标签要素 Label Elements

象形图 (GHS CN)

Hazard pictograms

警示词 (GHS-CN)

警告

Signal word

WARNING!

危险性说明 (GHS-CN)

H302 - 吞咽有害, H302 Harmful if swallowed.

Hazard statements

H361 - 怀疑对生育能力或胎儿造成伤害, H361 Suspected of damaging the unborn child.

H373 - 长期或重复接触可能对器官造成损害。 H373 May cause damage to organs through prolonged or repeated exposure.

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预防措施 Prevention	概要: P101: 如需就医: 请随身携带产品容器或标签。 P102: 放在儿童无法触及之处。 P103: 使用前请阅读标签。 P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use. P280 - 戴防护手套/穿防护服/戴防护眼罩/戴防护面具。 P280 Wear protective gloves/protective clothing/eye protection/face protection P201 - 使用前取得专用说明, P201 Obtain special instructions before use. P202 - 在阅读并明了所有安全措施前切勿搬动, P202 Do not handle until all safety precautions have been read and understood. P264 - 作业后彻底清洗双手、前臂和面部, P264 Wash hands, forearms and face thoroughly after work
事故响应 Response	P305 + P351 + P338: 如进入眼睛: 用水小心冲洗几分钟。如戴隐形眼镜并可方便地取出, 取出隐形眼镜。继续冲洗。 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313: 如接触到或有疑虑: 求医/就诊。 P337 + P313: 如仍觉眼刺激: 求医/就诊。 P308+P313 IF exposed or concerned: Get medical advice/attention. P337+P313 IF eye irritation persists: Get medical advice/attention.
安全储存 Safe Storage 废弃处置 Disposal	P405 - 存放处须加锁。 P405 Store locked up. P501 -按照地方/区域/国家/国标规章处置内装物/容器。 P501 Dispose of contents/container in accordance with local/regional/national/national regulations.
其他信息 Other information 物理和化学危险 Physical and chemical hazards 健康危害 Health Hazards 环境危害 Environmental Hazards	无可用的信息。 No information available 吞咽有害。怀疑对生育能力或胎儿造成伤害。长期或重复接触可能对器官造成损害 Harmful if swallowed. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. 无可用的信息。 No information available

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### 第 3 部分 成分/组成信息

#### SECTION 3 Composition/ Information On Ingredients

产品形态 Product form 混合物。Mixture.

名称 Component	CAS 编号 CAS No.	含量 (%)Amount
硼酸酯 Borate ester	30989-05-0	18 ~ 20
醇醚类 polyol ethers	112-35-6	78 ~ 80
添加剂 Additives	混合物 Mixture	≤2

### 第 4 部分 急救措施

#### SECTION 4 First Aid Measures

一般急救措施 General First Aid	若有任何疑问，或者症状持续时，寻求医疗帮助： If in doubt, or if symptoms persist, seek medical help
吸入 INHALATION	将受害人转移到空气新鲜处，保持呼吸舒适的休息姿势。必要时就医。 Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if necessary.
皮肤接触 SKIN CONTACT	用肥皂和水清洗接触的地方。脱掉被污染的衣服。受污染的衣服应洗后再穿。如果产品被注入皮下或者人体任何部位,无论伤口的外观或大小如何,被注射者必须立即由医生依照外科急救进行检查。即使高压注入后的最初症状轻微或者无症状,在事故最初几个小时内及早进行外科处理可以显著减少最终伤害的程度。必要时就医。 Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury. Seek medical attention if necessary.

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眼睛接触 EYE CONTACT	用水小心冲洗 5 分钟。必要时就医。 Immediately flush eyes with running water for 5 minutes. Seek medical attention if necessary. 如戴隐形眼镜并可方便地取出，取出隐形眼镜继续冲洗。 If contact lenses are worn and easily removed, remove the contact lenses and continue rinsing. 如仍觉眼刺激： 求医 / 就诊 If eye irritation persists: Get medical advice/ attention
食入 INGESTION	如感觉不适， 呼叫解毒中心或医生。 If you feel unwell, call a POISON CENTER or doctor.

### 最重要的症状和健康影响 Most Important Symptoms and Health Effects

眼睛疼痛，发红，流泪，瘙痒，眼睑肿胀头疼，头昏眼花，恶心和其他中枢神经作用。腹痛，腹泻，低血压和昏迷注射后由几小时后的疼痛和组织损伤的延迟发作可证实局部坏死。

Eye pain, redness, watering, itching, swelling of the eyelids, headache, dizziness, nausea, and other central nervous system effects. Abdominal pain, diarrhea, hypotension, and coma after injection are evidenced by delayed onset of pain and tissue damage several hours later.

### 对保护施救者的忠告 Advice for Protecting Rescuers

不得在没有适当防护装备的情况下尝试采取行动

Do not attempt to act without proper protective equipment

### 给医生的特别提示 NOTES TO PHYSICIAN

其他医疗意见或处理方式 对症治疗 Symptomatic treatment

Other medical advice or treatment

## 第 5 部分 消防措施

### SECTION 5 Firefighting Measures

#### 灭火剂 EXTINGUISHING MEDIA

适用灭火剂 SUITABLE 使用适于包围火的灭火介质。Use any media appropriate for the surrounding fire.  
EXTINGUISHING MEDIA

不适用灭火剂 UNSUITABLE 没有更进一步的信息 no further information  
EXTINGUISHING MEDIA

#### 特别危险性 SPECIAL DANGER

燃烧时可能产生的有毒有害燃烧产物

Toxic and hazardous combustion products that may be produced during combustion:

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给消防员的建议和保护措施 Advice and protection for firefighters

消防人员应穿戴的个体防护装备 Personal protective equipment for firefighters

不得在没有适当防护装备的情况下尝试采取行动

Do not attempt to act without proper protective equipment

需独立的呼吸防护装置和完整的身体防护

Requires independent respiratory protection and complete body protection

防火措施

不使用时保持容器密闭；保持容器牢固密闭并远离热、火花和火焰

Fire prevention measures 需有适当通风，尤其是在封闭的地方。Keep container tightly closed when not in use; keep container tightly closed and away from heat, sparks and flames. Proper ventilation is required, especially in enclosed areas.

## 第 6 部分 泄漏应急处理

### SECTION 6 Accidental Release Measures

人员防护措施、防护装备和应急处置程序 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

作业人员防护措施、防护装备和应急处置程序 Worker precautions, protective equipment and emergency procedures

避免接触溢漏的产品，有关消防信息见第五部分。有关急救说明，参阅第四部分。

Avoid contact with spilled material. See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice.

穿戴适当的防护衣物，需有适当通风，尤其是在封闭的地方；额外的保护措施亦有可能需要，具体取决于应急人员的对个别特殊情况的考虑和专业判断。

Wear appropriate protective clothing and adequate ventilation, especially in enclosed areas; additional protective measures may also be required, depending on the individual circumstances and professional judgment of emergency responders.

未受过紧急情况培训的人员 Persons not trained in emergency situations

应急处置程序 Emergency procedures

对泄漏区域进行通风，咨询当地专业人员  
Ventilate the spill area, consult with local professionals

对于应急人员 For emergency personnel

防护装备

不得在没有适当防护装备的情况下尝试采取行动更多信息请参考第 8 部分"接触控制/个体防护"

Protective equipment

Do not attempt action without proper protective equipment Refer to Section 8 "Exposure Controls/Personal Protection" for more

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环境保护措施 Environmental protection measures	information 避免释放到水道、下水道、地下室或者封闭区环境中 Prevent entry into waterways, sewers, basements or confined areas.
泄漏化学品的收容、清除方法及所使用的处置材料 Methods of containment and removal of spilled chemicals and disposal materials used	以沙或惰性吸收剂吸收剩余液体并带到安全地点 Absorb remaining liquid with sand or inert absorbent and bring to safety
其他信息 Other information	在受许可的地点处置固体物质或残留物 Disposal of solid matter or residues at an approved location

### 第 7 部分 操作处置与储存

#### SECTION 7 Handling and Storage

##### 操作处置 HANDLING

安全处置注意事项和措施 Safe Handling Precautions and Measures	配戴个人防护装备, 防止少量溢出和泄漏,避免滑倒危险;确保工作点通风好 Wear personal protective equipment; Prevent small spills and leakage to avoid slip hazard. ensure that the workplace is well ventilated
卫生措施 Hygiene measures	使用本产品时不要进食、饮水或吸烟; 接触本产品后务必洗手 Do not eat, drink or smoke while using this product; always wash hands after touching this product
局部通风和全面通风 Local and general ventilation	需有适当通风, 尤其是在封闭的地方 Proper ventilation is required, especially in enclosed areas

##### 储存 STORAGE

储存条件 Storage conditions	保持低温;存放于干燥处, 避免阳光直射。存放在密闭的容器中; 不可存放于开口或者无标识容器中。 Keep cool; store in a dry place away from direct sunlight. store in an airtight container; Do not store in open or unlabelled containers.
禁配物 Incompatible substances	强酸;强碱;强氧化剂 strong acid; strong base; strong oxidant

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### 第 8 部分 接触控制和个体防护

#### SECTION 8 Exposure Controls / Personal Protection

职业接触限值 Occupational Exposure Limits

没有更进一步的信息 no further information

生物限值 biological limit 没有更进一步的信息 no further information

工程控制 engineering control 确保工作点通风良好 Make sure the workplace is well ventilated control

个体防护装备 PERSONAL PROTECTIVE EQUIPMENT

环境接触控制 Environmental Exposure Control 遵守适用的环境法规限制排放到空气, 水和土壤。通过采用适当的控制措施防止或限制排放量以保护环境。

Comply with applicable environmental regulations to limit emissions to air, water and soil. Protect the environment by preventing or limiting emissions through the use of appropriate controls.

手防护 Hand protection 防护手套, 建议使用耐化学品手套。使用腈类手套, 合成橡胶 protective gloves, Chemical resistant gloves are recommended. Use nitrile gloves, synthetic rubber

眼面防护 Eye and face protection 建议戴化学护目镜。 Chemical resistant gloves are recommended.

皮肤及身体防护 Skin and Body Protection 穿戴适当的防护衣物, 推荐使用耐化学品/耐油工作服。 Wear appropriate protective clothing, Chemical / oil resistant clothing is recommended.

呼吸系统防护 Respiratory Protection 选择通风场所, 通风不足时, 佩戴适当的呼吸装置; 在浓度较高的环境中, 建议佩戴带有逃生瓶的自给式呼吸器 Choose a ventilated place. When the ventilation is insufficient, wear appropriate breathing apparatus; in a high concentration environment, it is recommended to wear a self-contained breathing apparatus with an escape bottle.

### 第 9 部分 理化特性

#### SECTION 9 Physical and Chemical Properties

物理状态 Physical properties	液体 liquid
外观 Appearance	无色透明/微黄液体 Clear/ Light yellow liquid
颜色 Color	无色/微黄 Clear/ Light yellow
气味 Odor	特有的 Characteristic
气味阈值(ppm) Odor threshold	无资料 None
气味阈值 (mg/m <sup>3</sup> ) Odor threshold	无资料 None

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pH	7.0~11.5
pH 溶剂 pH solvent	无资料 None
相对蒸发率(醋酸丁酯=1)	无资料 None
Relative evaporation rate (butyl acetate = 1)	无资料 None
相对蒸发速率(乙醚=1)	无资料 None
Relative evaporation rate (ether=1)	无资料 None
蒸发速度 Evaporation rate	无资料 None
沸点 Boiling point	≥250°C
闪点 Flash point	>120 °C
易燃性 (固体、气体) Flammability(solid, gas)	不适用 not applicable
爆炸下限 (LEL)	无资料 None
爆炸上限 (UEL)	无资料 None
相对蒸气密度(空气以 1 计)	无资料 None
Relative Vapor Density (air is counted as 1)	无资料 None
相对密度(20°C)Relative Density (20°C)	≥1.051 g/cm <sup>3</sup>
溶解性 Solubility	溶于水 Dissolved in water
水溶性 water soluble	无资料 None
溶于乙醇 soluble in ethanol	无资料 None
溶于乙醚 soluble in ether	无资料 None
溶于丙酮 soluble in acetone	无资料 None
溶于有机溶剂 Soluble in organic solvents	无资料 None
辛醇/水分配系数(Log Pow)	无资料 None
Octanol/ Water Partition Coefficient	无资料 None
自燃温度 Auto-ignition temperature	不适用 Not applicable
分解温度 decomposition temperature	无资料 None
运动粘度 Kinematic viscosity	≤980mm <sup>2</sup> /s
其他性质 other properties	无资料 None

## 第 10 部分 稳定性和反应性

### SECTION 10 Stability and Reactivity

稳定性 Stability	正常条件下产品是稳定的 stable under normal conditions
危险反应	不会发生有害的聚合反应。
dangerous reaction	Hazardous polymerization does not occur.
避免接触的条件	过度的热。高能点火源。
Conditions to avoid	Excessive heat. High energy sources of ignition.
禁配物	强氧化剂 strong oxidizers
Incompatible materials	

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危险的分解产品                      在环境温度下不分解。  
 Hazardous decomposition    Material does not decompose at ambient temperatures.  
 products

### 第 11 部分 毒理学信息

#### SECTION 11 Toxicological Information

##### 毒理学效应信息 INFORMATION ON TOXICOLOGICAL EFFECTS

危险类别 Hazard Class	结论/备注 Conclusion / Remarks
吸入 Inhalation	
急性毒性: 无具体数据 Acute Toxicity: No end point data for material.	极低毒性。根据对成分的分析。 Minimally Toxic. Based on assessment of the components.
刺激: 无具体数据 Irritation: No end point data for material	在一般温度/正常处理温度下危险性可忽略。 The hazard is negligible at normal temperature/normal processing temperature
经口 Oral	
急性毒性: 无具体数据。 Acute toxicity: no specific data	极低毒性。根据对成分的分析。 Minimally Toxic. Based on assessment of the components.
经皮 Skin	
急性毒性: 无具体数据。 Acute toxicity: no specific data	极低毒性。根据对成分的分析。 Minimally Toxic. Based on assessment of the components.
皮肤腐蚀性/刺激: 无具体数据。 Skin Corrosion/Irritation: no specific data	在一般温度下对皮肤的刺激性可忽略。根据对成分的分析。 Skin irritation is negligible at normal temperatures. Based on assessment of the components.
眼睛 Eye	
严重眼损伤/刺激: 无具体数据。 Serious Eye Damage/Irritation: no specific data	有刺激性并会伤害眼睛组织。根据对成分的分析。 Irritating and will injure eye tissue. Based on assessment of the components.
致敏 Sensitization	
呼吸道致敏: 无具体数据。 Respiratory Sensitization: no specific data	不认为是呼吸道致敏物。 Not expected to be a respiratory sensitizer.

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皮肤致敏: 无具体数据。 Skin Sensitization: no specific data	不认为是皮肤致敏物. 根据对成分的分析。 Not expected to be a skin sensitizer. Based on assessment of the components.
吸入: 无具体数据。 Inhalation: No specific data.	根据材料的物理化学性质,不认为具有吸入危害。 Not expected to be an aspiration hazard. Based on physico-chemical properties of the material.
生殖细胞致突变性: 无具体数据 Germ Cell Mutagenicity: No specific data.	不认为是生殖细胞致突变物. 根据对成分的分析。 Not expected to be a germ cell mutagen. Based on assessment of the components.
致癌性: 无具体数据 Carcinogenicity: No specific data.	不认为致癌. 根据对成分的分析。 Not expected to cause cancer. Based on assessment of the components.
生殖毒性: 无具体数据 Reproductive Toxicity: No specific data.	在动物试验中对胎儿造成损害,但对人类的相关性不确定。根据对成分的分析。
哺乳: 无具体数据 Lactation: No specific data.	不认为对母乳喂养儿童有害. 根据对成分的分析。 Not expected to cause harm to breast-fed children. Based on assessment of the components.
特异性靶器官毒性 (STOT) Specific Target Organ Toxicity (STOT)	
一次接触: 无具体数据 Single Exposure: No specific data.	不认为由一次接触导致器官损伤。 Not expected to cause organ damage from a single exposure.
反复接触: 无具体数据 Repeated Exposure: No specific data.	不认为由长期或反复接触导致器官损伤. 根据对成分的分析。 Not expected to cause organ damage from prolonged or repeated exposure. Based on assessment of the components.

**其他: Other information**

三乙二醇甲醚: CAS 编号:112-35-6 Triethylene glycol methyl ether: CAS number: 112-35-6

【刺激性】家兔经皮: 500mg/24 小时, 轻度刺激。家兔经眼: 500mg/24 小时, 轻度刺激。

【Irritation】 Oral Rabbit: 500mg/24 hours, mild irritation. Eye Rabbit: 500mg/24 hours, mild irritation.

【急性毒性】LD50: 11300 mg/kg(大鼠经口); 7100 mg/kg(兔经皮)

【Acute toxicity】LD50: 11300 mg/kg (Oral Rat); 7100 mg/kg (Skin Rabbit)

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### 第 12 部分 生态学信息

#### SECTION 12 Ecological Information

生态毒性 Ecotoxicity

生态学 - 一般

Ecology - General

水生急性 aquatic acute

水生慢性 aquatic chronic

持久性和降解性

Persistence and Degradability

该产品 -- 被认为对水生生物无害

This product is not considered harmful to aquatic life

无资料 None

无资料 None

生物降解 Biodegradation:

该产品 -- 被认为能自然生物降解 This product is expected to be readily biodegradable.

生物富集或生物积累性 BIOACCUMULATION POTENTIAL

该产品 -- 生物蓄积可能性低。 Potential to bioaccumulate is low.

土壤中的迁移性

该产品 -- 被认为会停留在水中或移至土壤里。

mobility in soil

This product is expected to stay in water or move to soil.

其他环境有害作用 Other environmentally harmful effects

分级程序 (臭氧)

Grading Procedure (Ozone)

无资料 None

### 第 13 部分 废弃处置

#### SECTION 13 Disposal Considerations

废弃化学品

waste chemicals

HW40 - 含醚废物 依据合格的处理厂分类说明处置内容物及容器。

HW40 - ether containing waste Dispose of contents and container in accordance with the classification instructions of a qualified disposal plant.

产品/包装物处置建议

Product/ Packaging

Disposal

Recommendations

依据现行有效的地方/国家法规安全地废弃处置

Dispose of safely in accordance with currently valid local/ national regulations

空容器可能含有残留物并可能有危险。在没有合适的指导时,请不要试图再填装或清洁容器。空的圆桶应被完全放流干净并安全存放好,直到它们被合适的修复或处理。空容器应通过合适的合格的或授权的单位依照政府法规来回收

## 制动液安全技术说明书 (Brake Fluid SDS)

Empty Container Warning Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations.

生态学 - 废物

Ecology - Waste

污水处置建议

Sewage Disposal

Recommendations

避免释放到环境中

Avoid release to the environment

依照法律规定处置

Dispose of in accordance with the law

### 第 14 部分 运输信息

#### SECTION 14 Transport information

中国《危险货物名表》(GB 12268-2012) : 陆路运输未受管制

China "List of Dangerous Goods" (GB 12268-2012): land transport is not regulated

国际运输分类

International Transport Classification

海运(国际海事危险品 IMDG) : 根据 IMDG-Code, 海运未受管制

Maritime transport (International Maritime Dangerous Goods IMDG): Maritime transport is not regulated according to IMDG-Code

海洋污染物质: 无

Marine Pollutants: None

空运(国际航空运输协会 IATA) : 空运未受管制。

Air Freight (IATA): Air freight is not regulated.

### 第 15 部分 法规信息

#### SECTION 15 Regulatory Information

该物料的危险性分类与化学品分类和危险性公示通则(GB 13690-2009) 一致。

The hazard classification of this material is consistent with the General Rules for Chemical Classification and Hazard Communication (GB 13690-2009).

法规状况和适用的法律与法规

Regulatory Status and Applicable Laws and Regulations

## 制动液安全技术说明书 (Brake Fluid SDS)

化学品安全标签编写规定(GB15258-2009): 受管制

Regulations for the preparation of chemical safety labels (GB15258-2009): regulated  
中华人民共和国固体废物污染环境防治法: 见废弃处置部分。

Law of the People's Republic of China on the Prevention and Control of Environmental Pollution  
by Solid Waste: See the section on disposal.

符合以下国家/地区化学品目录的要求: AIIIC, DSL, ENCS, IECSC, KECI, PICCS, TCSI, TSCA

Complies with the following national chemical inventories: AIIIC, DSL, ENCS, IECSC, KECI, PICCS,  
TCSI, TSCA

### 第 16 部分 其他信息

#### SECTION 16 Other Information

N/D = 未制定, N/A = 不适用

N/D = Not determined, N/A = Not applicable

包含在部分 2 和部分 3 中 H-代码的翻译(仅供参考)

KEY TO THE H-CODES CONTAINED IN SECTION 2 AND SECTION 3 OF THIS DOCUMENT (for  
information only):

H302: 吞咽有害; 急性毒性-经口, 类别 4

H302: Harmful if swallowed; Acute Tox Oral, Cat 4

H318: 引起严重眼睛损伤; 严重眼睛损伤/眼睛刺激; 类别 1

H318: Causes serious eye damage; Serious Eye Damage/Irr, Cat 1

H319(2A) : 引起严重眼睛刺激; 严重眼睛损伤/眼睛刺激; 类别 2A

H319 (2A): Causes serious eye irritation; Serious Eye Damage/Irr, Cat 2A

H361(D) : 怀疑损害胎儿; 生殖毒性, 类别 2(发育)

H361d: Suspected of damaging the unborn child; Repro Tox, Cat 2 (Develop)

免责声明: 本 SDS 的信息仅适用于所指定的产品, 除非特别指明, 对于本产品与其他物质得混合物等情况  
不适用。本 SDS 只为那些受过适当专业训练的该产品的使用人员提供产品使用安全方面的资料。本 SDS  
的使用者, 在特殊的使用条件下必须对该 SDS 的适用性作出独立判断。在特殊的使用场合下, 由于使用本  
SDS 所导致的伤害, 本 SDS 的编写者将不负任何责任。

Disclaimer: The information in this SDS is only applicable to the product specified, unless  
otherwise specified, it is not applicable for mixtures of this product with other substances, etc.  
This SDS provides information on the safety of product use only for those users of this product  
who have received appropriate professional training. Users of this SDS must make independent  
judgments on the applicability of this SDS under special conditions of use. In special occasions,  
the author of this SDS will not be held responsible for any damage caused by the use of this SDS.