



杭州海关技术中心
国家危险化学品检测重点实验室（浙江）



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正本/ORIGIN

编号: TCH22008746
No: TCH22008746
日期: 2022-07-15
Date: 2022-07-15

ZAIQ-RF(HH)-01-19

Safety Data Sheet



Applicant name: Leache Chem Ltd

Product Name: 2-Bromothiophene

Edit date: 2022-07-15

Edit institution: Technology Center of Hangzhou Customs District

Approver:

万旺军

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1. Identification of substance

Product Name	2-Bromothiophene
Other Name	None
Chemical Name	None
Recommended Use	It is mainly used for synthetic thiophene pyridine and clopidogrel intermediate.
Manufacturer	Leache Chem Ltd
Address	Economic Development Zone of Feixiang District, Handan City, Hebei Province (Jingjin New Material Industry Park) /057550
Phone Number	86-310-7092106
Fax Number	86-310-7092108
WEB or E-mail	info@leachechem.com
Emergency Phone Number	86-310-7092106 or Call your nearest poison control centre

2. Hazards identification

GHS classification	Flammable liquids 3 Acute toxicity-oral 2 Serious eye damage/eye irritation 1
GHS Pictograms	
Signal words	Danger
Hazard statements	H226:Flammable liquid and vapour H300:Fatal if swallowed H318:Causes serious eye damage
Precautionary Statement Prevention	P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233:Keep container tightly closed. P240:Ground and bond container and receiving equipment. P241:Use explosion-proof electrical/ventilating/lighting/.../equipment. P242:Use non-sparking tools. P243:Take action to prevent static discharges. P264:Wash hands thoroughly after handling. P264+P265:Wash hands [and...] thoroughly after handling. Do not touch eyes. P270:Do not eat, drink or smoke when using this product. P280:Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Precautionary Statement Response	P301+P316:IF SWALLOWED: Get emergency medical help immediately. P303+P361+P353:IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water[or shower]. P305+P354+P338:IF IN EYES:Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P317:Get medical help. P321:Specific treatment (see the supplemental first aid instruction). P330:Rinse mouth. P370+P378:In case of fire: Use ... to extinguish
Precautionary Statement Storage	P403+P235:Store in a well-ventilated place. Keep cool.
Precautionary Statement Disposal	P405:Store locked up.
Other hazards which do not result in classification	P501:Dispose of contents/container in according with local regulation. Not available.

3. Composition/information on ingredients

☒ **Substances**

☐ **Mixtures**

Component Information

Component	CAS number	EINECS number	Mass(%)
2-Bromothiophene	1003-09-4	213-699-4	99%wt

Note:1. Unless a component presents a severe hazard, it does not need to be considered in the SDS if the concentration is less than 1%.

4.First-aid measures

NOTE TO PHYSICIAN	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation.
After inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Get immediate medical attention.
After skin contact	Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. If irritation persists, get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
After eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention immediately.
After ingestion	Rinse mouth, drink milk or albumen. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Loosen tight clothing such as a collar, tie, belt or waistband. Do not use

Most important symptoms/effects, acute and delayed	mouth-to-mouth method if victim ingested the substance. Seek immediate medical attention. Fatal if swallowed. Causes serious eye damage.
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5. Fire-fighting measures

Suitable extinguishing agents	Water spray, alcohol-resistant foam, dry chemical powder, carbon dioxide, etc.
Special hazards caused by the material, its products of combustion or flue gases	Can be released in case of fire: Carbon oxides, Sulphur oxides, Hydrogen bromide gas.
Protective equipment for fire-fighters	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

6. Accidental release measures

Person-related safety precautions	Evacuate personnel to safe area quickly, and isolate, strictly limit access. Ensure adequate ventilation. Remove all sources of ignition. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away.
Measures for environmental protection	Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.
Measures for cleaning/collecting	Contain spillage, and then collect with non-combustible absorbent material(e.g. sand, earth, diatomaceous earth, vermiculite) and place in suitable container. Clean contaminated surface thoroughly.
Additional information	See Section 7 for information on safe handling See section 8 for information on personal protection equipment. See Section 13 for information on disposal.

7. Handling and storage

Handling	
Information for safe handling	Ventilation, keep away from fire. Avoid contact with skin, eyes, mucous membranes and clothing. Avoid breathing vapors, droplet or gas. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Information about protection against explosions and fires	Keep away from heat, sources of ignition, sparks or open flame. Ground and bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take action to prevent static discharges.

STORAGE

Requirements to be met by storerooms and containers

Keep tightly closed in a cool, dry, well-ventilated place.
Keep low temperature. Store locked up.
Keep tightly closed until used.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Information about storage in one common storage facility

Store away from incompatible substances such as strong oxidizing agents, strong bases, strong reducing agents, etc.

Further information about storage conditions

Storage areas should be equipped with emergency treatment equipment and suitable collection materials.

8. Exposure controls/personal protection

Limit Values for Exposure

Component

CAS number	ACGIH TLV-TWA	ACGIH TLV-STEL	NIOSH PEL-TWA	NIOSH PEL-STEL
1003-09-4	N.E.	N.E.	N.E.	N.E.

2-Bromothiophene

Appropriate engineering controls

Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.

General protective and hygienic measures

Use adequate ventilation to keep airborne concentrations low.
Do not get this material in contact with skin. Do not get this material on clothing. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.

Personal protective equipment

Airline hood or mask, gloves, full suit and boots.

Breathing equipment

In case of contact with vapour use self-suction filter-type gas mask. Emergency rescue or evacuation, it is recommended to wear air breathing apparatus.

Protection of hands

Wear appropriate chemical resistant gloves.

Eye/Face protection

Use safety glasses with side shields or safety goggles as mechanical barrier for prolonged exposure.

Body protection

Full set of anti chemical reagent overalls, flame retardant antistatic protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.

Note: 1. N.E. means not established.

9. Physical and chemical properties

Physical state

Transparent liquid

Colour

Colorless to light yellow

Odour

No data available

Melting point/freezing

-10 °C

point	
Boiling point or initial boiling point and boiling range	149-151 °C
Flammability	Flammable
Lower and upper explosion limit/flammability limit	No data available
Flash point	52 °C (Closed cup)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient: n-octanol/water(log value)	2.75
Vapour pressure	No data available
Density and/or relative density	1.684 g/mL (25 °C)
Relative vapour density (air=1)	No data available
Particle characteristics	Not applicable

10. Stability and reactivity

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid (e.g. static discharge, shock or vibration)	Heat, flames and sparks, extreme temperatures and direct sunlight. Static discharge.
Incompatible materials	Avoid contact with strong oxidizing agents, strong bases, strong reducing agents, etc.
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. Carbon oxides, Sulphur oxides, Hydrogen bromide gas.

11. Toxicological information

Routes of Entry: Dermal contact, eye contact, inhalation, ingestion.

Acute Toxicity

2-Bromothiophene (CAS 1003-09-4)	LD50 (Oral, rat) : 35 mg/kg LC50 (Inhalation, rat) : N/A LD50 (Dermal, rabbit) : N/A
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Skin corrosion/Irritation	Not classified
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Chronic Effects	Not classified
Further Information	None

12. Ecological information

Ecotoxicity	
Aquatic Toxicity	2-Bromothiophene (CAS 1003-09-4)
	Test & Species
	96 Hr LC50 Fish: N/A
	48 Hr EC50 Daphnia: N/A
	72 Hr EC50 Algae: N/A
Persistence and degradability	Not easily biodegradable
Bioaccumulative potential	Not available
Mobility in soil	Not available
Additional Information	None

13. Disposal considerations

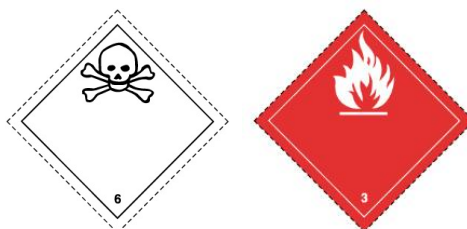
WASTE DISPOSAL INSTRUCTIONS

Contact a qualified professional waste disposal service to dispose of this material.
 Dispose of in accordance with local environmental regulations or local authority requirements.

14. Transport information

The Recommendation of Transport of Dangerous Goods(TDG)	
UN Number	UN 2929
Proper Shipping Name	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S. (2-Bromo thiophene)
Class/Division	Division 6.1 Toxic Substances
Package Group	PG II
Subsidiary risk	Class 3 Flammable Liquids

labelling pictogram



Maritime transport IMDG/ Marine pollutant (Yes/No) Being same with TDG/ No
Air transport ICAO-TI and IATA-DGR Being same with TDG
See A4, A137 for Special Provisions.

15. Regulatory information

European/International Regulations

OSHA: Hazardous by definition of Hazard Communication Standard(29CFR 1910.1200).

EINECS Status: 2-Bromothiophene (CAS 1003-09-4) is included in EINECS inventory.

EPA TSCA Status: 2-Bromothiophene (CAS 1003-09-4) is included in TSCA inventory.

Canadian 2-Bromothiophene (CAS 1003-09-4) is included in DSL.

DSL(Domestic Substances List):

HMIS(Hazardous Material Identification System Ratings):
Health: 3
Flammability: 2
Physical hazard: 0
Personal protection: K
(4. Severe Hazard; 3. Serious Hazard; 2. Moderate Hazard; 1. Slight Hazard; 0. Minimal Hazard)
Not listed.

WHMIS(Canadian Workplace Hazardous Material Identification System Ratings):

GB 12268-2012 List of dangerous goods This chemical is a dangerous goods on the GB 12268-2012 list of dangerous goods.

16. other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process,

is the responsibility of the user.

This Material Safety Data Sheet was based on the "Globally Harmonized System of Classification and Labelling of Chemicals", "Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations", "INTERNATIONAL MARITIME DANGEROUS GOODS CODE", "International Air Transport Association Dangerous Goods Regulations", the National Standards and other related dangerous chemicals management laws, regulations and standards, which are periodically updated and changed. To make dangerous goods / hazardous chemicals comply with the relevant requirements of the latest management, regularly update is recommended.

This Material Safety Data Sheet has been compiled in both English and Chinese. For any discrepancies, the Chinese version shall prevail.

Abbreviations and acronyms	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations Concerning the International Transport of Dangerous Goods by Rail IMDG: International Maritime Code for Dangerous Goods IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent EC50: Effective concentration, 50 percent
Edit Date	15.07.2022
Update and Revise	Second edition
Edit Standard	<i>Globally Harmonized System of Classification and Labelling of Chemicals</i> Part 1.5
Revised Institution	Technology Center of Hangzhou Customs District



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化学品安全数据表



申请单位: 河北利仕化学科技有限公司

产品名称: 2-溴噻吩

编制日期: 2022-07-15

编制机构: 杭州海关技术中心

批准人: 万旺军

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1. 标识

产品名称	2-溴噻吩
其他名称	无
化学名称	无
使用建议	主要用于合成噻吩吡啶及氯吡格雷中间体
生产商	河北利仕化学科技有限公司
地址	河北省邯郸市肥乡区经济开发区（京津新材料产业园）/057550
固定电话	86-310-7092106
传真	86-310-7092108
网址或电子邮件地址	info@leachechem.com
应急电话	86-310-7092106 或向离你最近的解毒中心求助

2. 危险标识

GHS 危险性分类	易燃液体 3 类 急性毒性-口服 2 类 严重眼损伤/眼刺激 1 类
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GHS 危险标签



信号词	危险
危险说明	H226:易燃液体和蒸气 H300:吞咽致命 H318:造成严重眼损伤
防范说明	P210:远离热源、热表面、火花、明火和其他点火源。禁止吸烟。 P233:保持容器密闭 P240:货箱和装载设备接地并等势联接。 P241:使用防爆的电器/通风/照明/…设备 P242:使用不产生火花的工具 P243:采取防止静电放电的措施。 P264:作业后彻底清洗双手 P264+P265:作业后彻底清洗手部[和……]。勿触碰眼睛。 P270:使用本产品时，不要进食、饮水或吸烟 P280:戴防护手套/穿防护服/戴防护眼罩/面具/听力保护。
防范说明 反应	P301+P316:如误吞咽：立即寻求紧急医疗救助。 P303+P361+P353:如皮肤（或头发）沾染：立即脱掉所有沾染的衣服。用水清洗患处/淋浴。 P305+P354+P338:如进入眼睛：立即用水冲洗几分钟。如戴隐形眼镜且可方便得取出，取出隐形眼镜。继续冲洗。 P317:寻求医疗救助。 P321:具体治疗（见本标签上的附加急救措施）。 P330:漱口

防范说明	P370+P378:火灾时：使用...灭火。		
安全储存	P403+P235:存放于凉爽/通风处。保持低温。		
防范说明	P405:存放处须加锁。		
处置	P501:依据地方法规处置内装物/容器。		
不导致分类的其他危险	未知。		
3. 成分构成/成分信息			
<input checked="" type="checkbox"/> 物质			
<input type="checkbox"/> 混合物			
成分信息			
成分	CAS 号	EINECS 号	含量(%)
2-溴噻吩	1003-09-4	213-699-4	99%wt
注：1.在化学品安全数据表中无需考虑百分含量小于 1%的成分，除非该成分呈现出严重的危害性。			
4.急救措施			
对医师的建议	在呼吸急促的情况下，需给受害人输氧。保持受害人温暖。让受害人处于观察监护下。		
吸入后	转移到有新鲜空气的地方。如需要，须输氧或进行人工呼吸。 马上就医。		
皮肤接触后	立即用大量的水冲洗皮肤。脱掉被污染的衣服和鞋子。如皮肤刺激仍继续：须求医。如原是小面积的皮肤接触，防止接触面积的扩大。污染的衣服在使用前，须单独清洗。		
眼睛接触后	立即用大量的水冲洗眼睛至少 15 分钟。用手指分开眼睑以保证充分冲洗眼睛。马上就医。		
摄入后	用水漱口，给饮牛奶或蛋清。无医师建议的情况下不要引吐。如果受害人需呕吐，使其前倾以减少倒吸的危险。解松过紧的衣物，如领子、领带、皮带或腰带。不要使用嘴对嘴的方法实施救助。马上就医。		
主要的症状和影响，包括急性和迟发效应	吞咽致命。 造成严重眼损伤。		
5. 消防措施			
合适的灭火剂	用水喷雾，耐醇泡沫，干粉或二氧化碳灭火。		
由物质本身或其燃烧产物、烟气产生的特殊危险	在发生火灾时可能释放： 碳氧化物，硫氧化物，溴化氢气体。		
消防人员的特殊防护设备	穿全套防护衣物，包括头盔，呼吸器，防护服和面罩。		
6. 泄露应急处理			
与人相关的安全防范措施	迅速撤离泄漏污染区人员至安全区，并进行隔离，严格限制出入。切断火源。确保通风充分。 在穿上合适的防护服前，请勿触摸损坏的容器或泄漏物。在进入封闭空间前先通风。请不相关人员撤离。		
环境保护措施	如能做到应防止进一步的泄露和溢出。无相关政府许可，不允许把该物质释放到环境中。		
清洁/收集措施	控制泄露，用不燃性吸收材质（如沙子、土、硅藻土、蛭石等）收集并将其放入合适的容器中。彻底清洁被污染物的表面。		
附加说明	关于安全操作的信息见第 7 部分		

关于个人防护设备的信息见第 8 部分
关于处置的信息见第 13 部分

7. 操作和存储

操作

安全操作的信息

通风，远离火源。
避免和皮肤、眼睛、粘膜和衣服接触。
避免吸入蒸气、雾滴和气体。
作业后彻底清洗双手。
使用本产品时，不要进食、饮水或吸烟。

防止爆炸和火灾的信息

远离热源，火源，火花，或明火。
货箱和装载设备接地并等势联接。
使用防爆的电器/通风/照明/…设备。
只能使用不产生火花的工具。
采取防止静电放电的措施。

存储

对储藏室和容器的要求

存放在阴凉、干燥、通风良好的地方。保持低温。存放处须加锁。
保持容器密封。
打开了的容器必须仔细重新封口并保持竖放位置以防止泄漏。

关于储藏在普通存储设施中的信息

远离不相容的物质如强氧化剂，强还原剂，强碱等。

关于储藏条件进一步的信息

储区应备有泄漏应急处理设备和合适的收容材料。

8. 暴露控制/人身保护

暴露限值

成分

CAS 号	ACGIH 阈限值-时 间加权平 均浓度	ACGIH 阈限值-短 时间接触 限值	NIOSH 阈 限值-时间加 权平均浓度	NIOSH 阈 限值-短时 间接触限值
2-溴噻吩 1003-09-4	N.E.	N.E.	N.E.	N.E.

减少接触的工程控制方法

储存和使用该材料区域应配备一个洗眼器和一个安全淋浴设施。
采用局部排气设备或者其他工程控制措施来保持空气水平低于推荐暴露限值。

一般保护和卫生措施

不要让该物质与皮肤、衣物、眼睛接触。依据良好的工业卫生和安全条例操作。在休息和一天工作结束前要洗手。

个人防护用品

航空罩或面罩、手套、全套防护服和靴子。

呼吸设备

可能接触其蒸汽时，应该佩戴自吸过滤式防毒面具；紧急事态抢救或撤离时，建议佩戴空气呼吸器。

双手保护

戴合适的耐化学腐蚀的手套。

眼睛/面部保护

使用带侧罩或安全眼镜的护目镜作为工人长期暴露的机械屏蔽。



身体保护

全套防化学试剂工作服，阻燃防静电防护服，防护设备的类型必须根据特定工作场所中的危险物的浓度和含量来选择。

注:1. N.E. 就是还没有建立的意思。

9. 物理和化学特性

物理状态	透明液体
颜色	无色至淡黄色
气味	无数据资料
熔点/凝固点	-10 °C
沸点或初始沸点和沸程	149-151 °C
易燃性	易燃
上、下爆炸极限/易燃极限	无数据资料
闪点	52 °C（闭杯）
自燃温度	无数据资料
分解温度	无数据资料
pH 值	无数据资料
运动粘度	无数据资料
溶解性	无数据资料
分配系数:正辛醇/水（对数值）	2.75
蒸汽压	无数据资料
密度和/或相对密度	1.684 g/mL (25 °C)
相对蒸气密度（空气=1.0）	无数据资料
颗粒特征	不适用
10. 稳定性和反应活性	
反应性	无数据资料。
化学稳定性	在建议的贮存条件下是稳定的。
有害反应的可能性	无数据资料。
需避开的条件（如：静电放电，震动等）	热，火焰和火花。极端温度和直接日晒。静电放电。
不相容的物质	与强碱，强氧化剂，强还原剂等分开存放。
有害分解产物	在着火情况下，会分解生成有害物质。碳氧化物，硫氧化物，溴化氢气体。
11. 毒理学信息	
进入人体内的途径：皮肤接触、眼睛接触、吸入和摄入。	
急性毒性	
2-溴噻吩（CAS 1003-09-4）	LD50（口服，大鼠）：35 mg/kg LC50（吸入，大鼠）：未知 LD50（皮肤，兔子）：未知
皮肤腐蚀/刺激	未分类
严重眼损伤/刺激	造成严重眼损伤。
呼吸或皮肤敏化作用	未分类
生殖细胞致突变性	未分类
致癌性	未分类
生殖毒性	未分类
特定目标器官毒性-单次接触	未分类
特定目标器官毒性-重复接触	未分类

吸入危险	未分类
慢性影响	未分类
其他信息	无
12. 生态学信息	
生态毒性	2-溴噻吩 (CAS 1003-09-4) 测试 & 物种 96 Hr LC50 鱼: 未知 48 Hr EC50 水蚤: 未知 72 Hr EC50 藻类: 未知
水生毒性	
持久性和降解性	
潜在的生物累积性	
土壤中的迁移性	不易生物降解
其他信息	未知
持久性和降解性	未知
潜在的生物累积性	未知
土壤中的迁移性	未知
其他信息	无
13. 废弃处置	
废物处置说明	联系一家有资质的专业废物处置机构来处置。 按照当地的环境法规或地方当局的要求来进行处置。
14. 运输信息	
联合国《关于危险货物运输的建议书 规章范本》(TDG)	
UN 编号	UN 2929
正式运输名称	有机毒性液体, 易燃, 未另作规定的 (2-溴噻吩)
危险类/项别	6.1 项 毒性物质
包装类别	PG II
次要危险性	第 3 类 易燃液体
危险性标签	 
国际海运危规 IMDG/海洋污染物 (是/否)	与 TDG 的分类相同/否
国际空运危规 ICAO-TI 和 IATA-DGR	与 TDG 的分类相同 特殊规定详见 A4、A137。
15. 法规信息	
欧洲/国际法规	
OSHA (美国职业安全与健康管理法):	危险性根据危害通讯标准来编写 (29CFR 1910.1200).
EINECS (欧洲现有商业化学物质名录):	2-溴噻吩 (CAS 1003-09-4) 已被列入 EINECS 目录中
EPA TSCA (有毒物质控制法):	2-溴噻吩 (CAS 1003-09-4) 已被列入 TSCA 目录中

加拿大 DSL(国内物质清单):	2-溴噻吩 (CAS 1003-09-4) 已被列入 DSL 目录中
HMIS(危险品识别系统):	健康危害: 3 易燃性: 2 物理危害: 0 个人防护: K (4. 极其严重危害; 3. 严重危害; 2. 中度危害; 1. 轻度危害; 0. 极小危害)
WHMIS(加拿大工作场所有害物质识别系统):	未列入。
GB 12268-2012 危险品清单	该产品是危险品, 被列入 GB 12268-2012 危险品清单。

16. 其他信息

雇主只能把本化学品安全数据表的信息当作他们所获其他信息的补充信息, 并能独立判断此信息的适用性, 以确保正确使用并保护雇员的健康和安全。此化学品安全数据表提供的信息并不具担保作用, 任何未按本化学品安全数据表使用产品、或与其他产品和操作过程同时使用本产品时产生的后果由用户自行承担。

本化学品安全数据表是根据《全球化学品统一分类和标签制度》, 《联合国关于危险货物运输的建议书》, 《国际海运危规》, 国际航空运输协会《危险货物规则》和国家标准等相关危险化学品管理法律法规和标准进行编制, 而上述法律法规和标准均会定期进行更新和变化。为使危险货物/危险化学品符合相关最新的管理要求, 建议定期审核更新化学品安全数据表。

本化学品安全数据表分别以中、英文编制, 在对中、英文本的理解上发生歧义时, 以中文文本为准。

缩略语

ADR: 《关于危险货物道路国际运输的欧洲协议》
RID: 《关于危险货物铁路国际运输的规则》
IMDG: 国际海运危规
IATA-DGR: 国际航空运输协会《危险货物规则》(IATA)
ICAO-TI: 国际民用航空组织《国际民航公约》(ICAO)
EINECS: 欧洲现有商业化学物质名录
CAS: 化学文摘号
LC50: 半数致死浓度
LD50: 半数致死剂量
EC50: 半数效应浓度

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更新和修改

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