

Version: v1
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SAFETY DATA SHEET

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

1.1 Product identifiers

Product name : 2-Hydroxy-4-(trifluoromethyl)pyridine
Product Number : H138925
Brand : aladdin
CAS-No. : 50650-59-4

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

Identified uses : 仅供科研用途，不作为药物、家庭备用药或其它用途。

1.3 Details of the supplier of the safety data sheet

Company : Shanghai Aladdin Biochemical Tech Co.,Ltd
Address : 36 Xinjinqiao Road, Shanghai
Telephone : 400-620-6333
Fax : no data available

1.4 Emergency telephone number

Emergency Phone : 0532-83889090

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

2.2 GHS Label elements, including precautionary statements

Pictogram		
Signal word	Danger	
Hazard statement(s)		
H302	Harmful if swallowed	
Precautionary statement(s)		
P264	Wash hands [and ...] thoroughly after handling.	
P270	Do not eat, drink or smoke when using this product.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P330	Rinse mouth.	
P301+P312	IF SWALLOWED: call a POISON CENTER/doctor/... IF you feel unwell.	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.	
P501	Dispose of contents/container to an approved waste disposal plant.	

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2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms	: 4-(Trifluoromethyl)-2-pyridinone;2-Hydroxy-4-(trifluoromethyl)pyridine	
Formula	: C6H4F3NO	
Molecular weight	: 163.1	
CAS No.	: 50650-59-4	
EC-NO.	: no data available	
Component	Classification	Concentration
2-Hydroxy-4-(trifluoromethyl)pyridine		
no data available		>98.0%(GC)

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice**
请教医生。出示此安全技术说明书给到现场的医生看。
- If inhaled**
如果吸入,请将患者移到新鲜空气处。如果停止了呼吸,给于人工呼吸。请教医生。
- In case of skin contact**
用肥皂和大量的水冲洗。请教医生。
- In case of eye contact**
用大量水彻底冲洗至少15分钟并请教医生。
- If swallowed**
切勿给失去知觉者从嘴里喂食任何东西。用水漱口。请教医生。

4.2 Most important symptoms and effects, both acute and delayed

切勿给失去知觉者从嘴里喂食任何东西。用水漱口。请教医生。

4.3 Indication of any immediate medical attention and special treatment needed

据我们所知，此化学，物理和毒性性质尚未经完整的研究。

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media**
如必要的话,戴自给式呼吸器去救火。
- Unsuitable extinguishing media**
no data available

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5.2 Special hazards arising from the substance or mixture

用水雾,耐醇泡沫,干粉或二氧化碳灭火。

5.3 Advice for firefighters

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5.4 Further information

碳氧化物,氮氧化物,氟化氢

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

使用个人防护设备。防止粉尘的生成。防止吸入蒸汽、气雾或气体。保证充分的通风。将人员撤离到安全区域。避免吸入粉尘。

6.2 Environmental precautions

不要让产物进入下水道。

6.3 Methods and materials for containment and cleaning up

收集、处理泄漏物，不要产生灰尘。扫掉和铲掉。存放在合适的封闭的处理容器内。

6.4 Reference to other sections

丢弃处理请参阅第13节。

SECTION 7: Handling and storage

7.1 Precautions for safe handling

避免接触皮肤和眼睛。防止粉尘和气溶胶生成。在有粉尘生成的地方,提供合适的排风设备。

7.2 Conditions for safe storage, including any incompatibilities

贮存在阴凉处。容器保持紧闭，储存在干燥通风处。

7.3 Specific end use(s)

no data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Appropriate engineering controls

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根据工业卫生和安全使用规则来操作。休息以前和工作结束时洗手。

Personal protective equipment

Eye/face protection

面罩與安全眼鏡请使用经官方标准如NIOSH (美国) 或 EN 166(欧盟) 检测与批准的设备防护眼部。

Skin protection

使用前必须检查手套。请使用正确的方法取下手套（请勿触摸手套的外表面），并避免任何皮肤部位接触产品。使用后，请按照相关法律法规和有效的实验室规程和程序小心操作被污染的手套。请清洁并吹干为您的手选择的防护手套，必须符合法规（EU）2016/425中给出的规格以及由此衍生的EN 374标准。

Body Protection

防渗透的衣服, 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。

Respiratory protection

如危险性评测显示需要使用空气净化的防毒面具，请使用全面罩式多功能防毒面具（US）或ABEK型（EN 14387）防毒面具筒作为工程控制的候补。如果防毒面具是保护的唯一方式，则使用全面罩式送风防毒面具。呼吸器使用经过测试并通过政府标准如NIOSH（US）或CEN（EU）的呼吸器和零件。

Control of environmental exposure

no data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	no data available
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties N	no data available
t) Oxidizing properties N	no data available

9.2 Other safety information

no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

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no data available

10.2 Chemical stability

在建议的贮存条件下是稳定的

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

强氧化剂

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

此产品中沒有大于或等于0。 1%含量的组分被IARC鉴别为可能的或肯定的人类致癌物。

Carcinogenicity

no data available

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

吸入可能有害。可能引起呼吸道刺激。

Aspiration hazard

no data available

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Additional Information
no data available

SECTION 12: Ecological information

- 12.1

Toxicity

no data available
- 12.2

Persistence and degradability

no data available
- 12.3

Bioaccumulative potential

no data available
- 12.4

Mobility in soil

no data available
- 12.5

Results of PBT and vPvB assessment

no data available
- 12.6

Other adverse effects

no data available

SECTION 13:

13.1 Disposal considerations

Product
将剩余的和未回收的溶液交给处理公司。与易燃溶剂相溶或者相混合，在备有燃烧后处理和洗刷作用的化学焚化炉中燃烧

Contaminated packaging
作为未用过的产品弃置。

SECTION 14: Transport information

DOT (US)		
UN number: no data available	Packing group: no data available	Class: no data available
Proper shipping name: 无危险货物	Reportable Quantity(RQ): no data available	Poison Inhalation Hazard: no data
Environmental Hazards: 否		
IMDG		
UN number: no data available	Packing group: no data available	EMS-No: no data available
Proper shipping name: 无危险货物		
IATA		
UN number: no data available	Packing group: no data available	Class: no data available

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Proper shipping name: 无危险货物

SECTION 15: Regulatory information

no data available

SECTION 16: Other information

Further information

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