

CALCIUM CHLORIDE



Calcium chloride is a salt composed of chlorine and calcium elements, with the chemical formula CaCl_2 . It appears as a white solid in various forms such as flakes, pellets, granules, or powder. It is highly hygroscopic and readily dissolves in water, releasing heat during the dissolution process.

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PRODUCT ADVANTAGES

01

High solubility

It can dissolve rapidly in water, providing convenient conditions for various applications

02

Strong hygroscopicity

It can absorb moisture in the air and effectively reduce environmental humidity

03

Stability

It can maintain stable chemical properties under different temperatures conditions

04

Acidity and Basicity

The aqueous solution of [substance name] is weakly alkaline and reacts vigorously with acids to produce carbon dioxide gas.



APPLICATION FIELDS

Road snow melting agent

It lowers the freezing point of water, making snow easier to melt. It is commonly used for winter road snow removal and anti-icing.

Dry Agent

Due to its strong hygroscopicity, it can be used to dry gases, liquids, and solid materials, such as drying nitrogen, oxygen, and other gases.

Food-grade as additive

It is used as a food coagulant and thickener in the production of tofu, canned goods, and other foods, enhancing the stability and texture of the products.

Pharmaceutical

Pharmaceutical: It is used to treat conditions caused by low blood calcium levels, such as tetany, urticaria, and exudative edema. It can also serve as a pharmaceutical intermediate.

Construction Industry

Adding calcium chloride to concrete can accelerate the setting time and increase the strength of the concrete. It can also prevent concrete from freezing at low temperatures.

1 CALCIUM CHLORIDE DIHYDRATE FLAKE



Attributes	Calcium Chloride dihydrate Flake Product Information
CAS Number	10035-04-8
Product Name	Calcium Chloride Dihydrate
Name (Alias)	Calcium Chloride
Product Grade	Industrial Grade
Hazard Level	Non-hazardous
Purity (Content)	Above 74%
Model	Industrial Grade Calcium Chloride
Product Code	Calcium Chloride Dihydrate
Particle Size	2-6cm

Executive Quality Standard	GB/T26520-2011 (China National Standard)
Main Component	Calcium Chloride
Molecular Formula	CaCl ₂
Appearance	Flake
pH Value	7.5-11.0
EINECS Number	233-140-8
Shelf Life	2 years
Standard Packaging	25kg, 1000kg English packaging
Applications	snow melting agent, Dry Agent, antifreeze
HS Code	2827200000

2 CALCIUM CHLORIDE DIHYDRATE PELLETS



Attributes	Calcium Chloride Dihydrate Pellets Product Information
CAS Number	10035-04-8
Product Name	Calcium Chloride Dihydrate
Name (Alias)	Calcium Chloride
Product Grade	Industrial Grade
Hazard Level	Non-hazardous
Purity (Content)	Above 74%
Model	Industrial Grade Calcium Chloride
Product Code	Dihydrate Calcium Chloride
Particle Size	3-5mm

Executive Quality Standard	GB/T26520-2011 (China National Standard)
Main Component	Calcium Chloride
Molecular Formula	CaCl ₂
Appearance	Spherical
pH Value	7.5-11.0
EINECS Number	233-140-8
Shelf Life	2 years
Standard Packaging	25kg, 1000kg English packaging
Applications	snow melting agent, Dry Agent, antifreeze
HS Code	2827200000

3 **CALCIUM
CHLORIDE
DIHYDRATE
POWDER
ANHYDROUS**



Attributes	Calcium Chloride dihydrate Powder anhydrous Product Information
CAS Number	10035-04-8
Product Name	Dihydrate Calcium Chloride
Name (Alias)	Calcium Chloride
Product Grade	Industrial Grade
Hazard Level	Non-hazardous
Purity (Content)	Above 74%
Model	Industrial Grade Calcium Chloride
Product Code	Dihydrate Calcium Chloride
Particle Size	90 mesh - 120 mesh

Executive Quality Standard	National Standard GB/T26520-2011
Main Component	Calcium Chloride
Molecular Formula	CaCl ₂
Appearance	Powder
pH Value	7.5-11.0
EINECS Number	233-140-8
Shelf Life	2 years
Standard Packaging	25kg, 1000kg English packaging
Applications	snow melting agent, Dry Agent, antifreeze
HS Code	2827200000

4 CALCIUM CHLORIDE ANHYDROUS (SPIKE BALL)



Attributes	Calcium Chloride Anhydrous(Spike Ball) Product Information
CAS Number	10043-52-4
Product Name	Anhydrous Calcium Chloride
Name (Alias)	Calcium Chloride
Product Grade	Industrial Grade
Hazard Level	Non-hazardous
Purity (Content)	Above 94%
Model	Industrial Grade Calcium Chloride Anhydrous
Product Code	Anhydrous Calcium Chloride
Particle Size	1-3mm, 3-5mm

Executive Quality Standard	National Standard GB/T26520-2011
Main Component	Calcium Chloride
Molecular Formula	CaCl ₂
Appearance	Spike Ball
pH Value	7.5-11.0
EINECS Number	233-140-8
Shelf Life	2 years
Standard Packaging	25kg, 1000kg English packaging
Applications	snow melting agent, Dry Agent, antifreeze
HS Code	2827200000

5 CALCIUM CHLORIDE ANHYDROUS POWDER

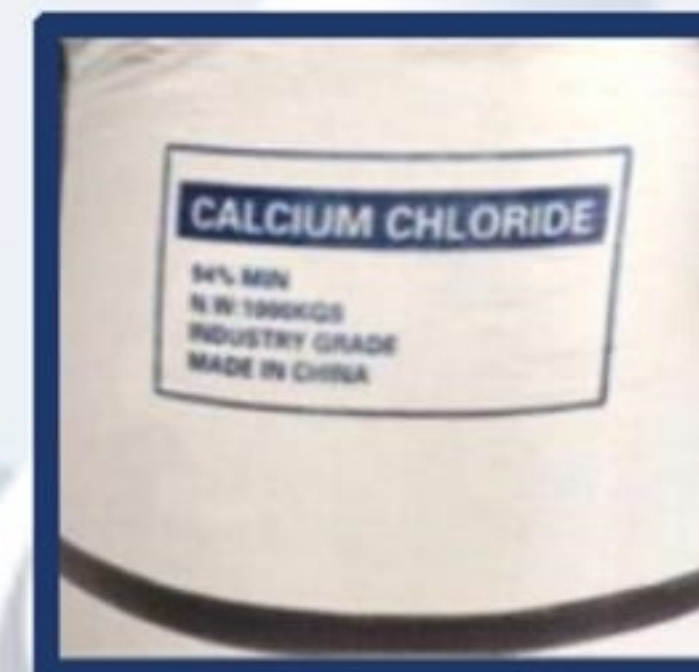


Attributes	Calcium Chloride Anhydrous Powder Product Information
CAS Number	10043-52-4
Product Name	Calcium Chloride Anhydrous
Name (Alias)	Calcium Chloride
Product Grade	Industrial Grade
Hazard Level	Non-hazardous
Purity (Content)	Above 94%
Model	Industrial Grade Calcium Chloride Anhydrous
Product Code	Anhydrous Calcium Chloride
Particle Size	120 mesh

Executive Quality Standard	National Standard GB/T26520-2011
Main Component	Calcium Chloride
Molecular Formula	CaCl ₂
Appearance	Powder
pH Value	7.5-11.0
EINECS Number	233-140-8
Shelf Life	2 years
Standard Packaging	25kg, 1000kg English packaging
Applications	snow melting agent, Dry Agent, antifreeze
HS Code	2827200000

PACKAGING AND STORAGE

- 01 Solid: 25KG plastic woven bag (with PE inner lining bag inside PP bag)
- 02 Customized shipping marks/labels/other packaging as required
- 03 Transportation capacity (20FCL):
Calcium chloride powder/pellet in 25kg small bags, it is 27 tons; for ton bags, it is 25 tons; Calcium chloride flakes in 25kg small bags, it is 23 tons; for tonbags, it is 20 tons.
- 04 Fumigated pallets with stacking: Calcium chloride powder/pellet, it is 24 tons; Calcium chloride flakes, it is 20 tons
- 05 Storage conditions: dry, ventilated, and moisture-proof



PRECAUTIONS



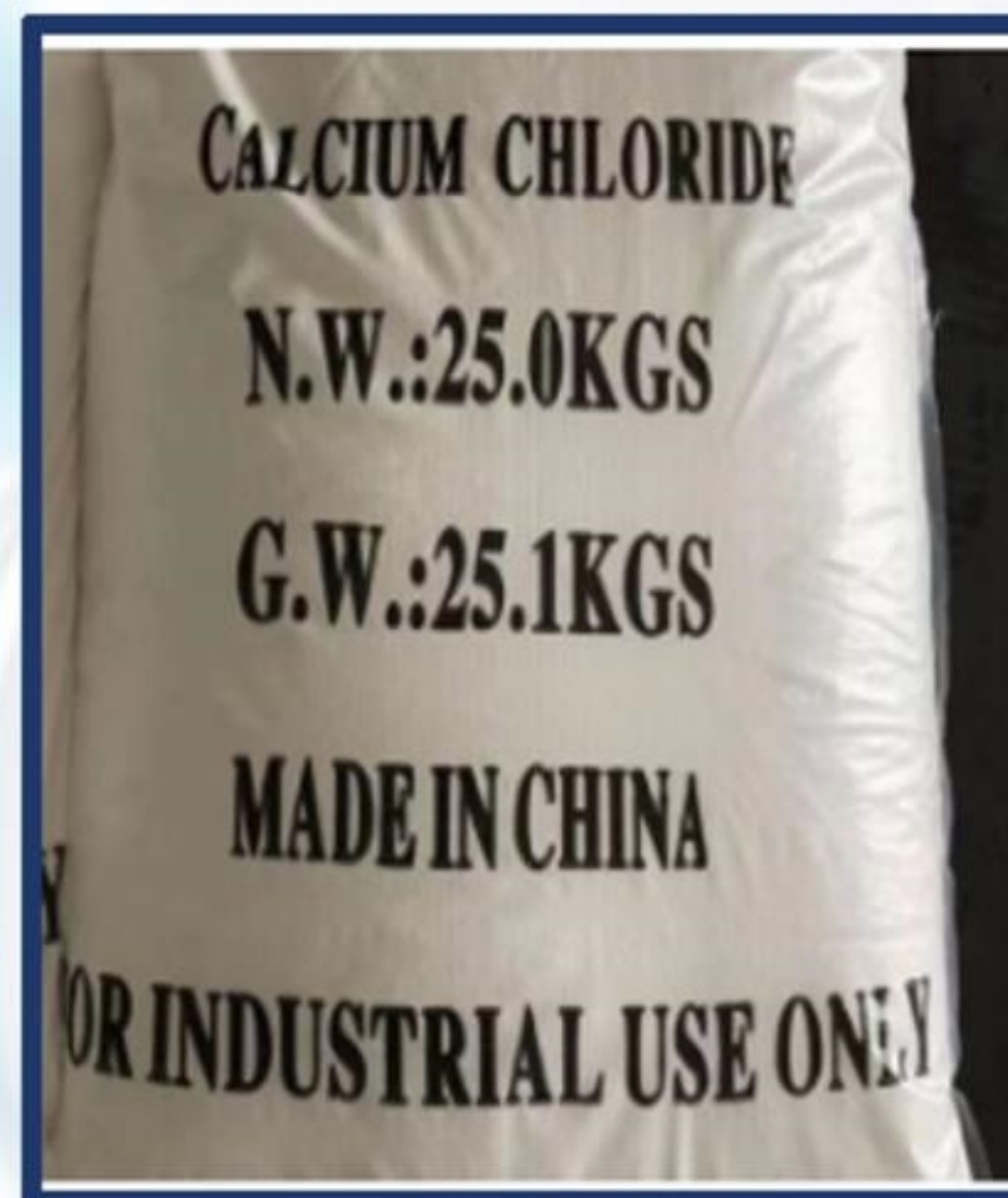
Inhaling calcium chloride dust may irritate the respiratory tract, causing symptoms such as coughing and difficulty breathing.



Contact with calcium chloride solution on the skin may cause redness, pain, and other irritation symptoms. Contact with the eyes can cause injury. Immediate rinsing with plenty of water and seeking medical attention is advised.



During storage, it is important to keep the product sealed to prevent moisture absorption.



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氯化钙



氯化钙是一种由氯元素和钙元素组成的盐，化学式为 CaCl_2 。其外观为白色固体，形态如片状、球状、颗粒状或粉末状等，具有吸湿性，极易溶于水，溶解时释放热量。

QINGDAO CHEMLINK

产品优势

01

高溶解性

在水中能够迅速溶解，为各种应用提供便利的条件。

02

强吸湿性

可吸收空气中的水分，有效降低环境湿度。

03

稳定性

在不同的温度和环境条件下，都能保持稳定的化学性质。

04

酸碱性

其水溶液呈弱碱性，能与酸发生剧烈反应，产生二氧化碳气体。



应用领域

道路融雪剂

能降低水的冰点，使雪容易融化，常用于冬季道路除雪和防结冰。

干燥剂

因其吸湿性强，可用于干燥气体、液体和固体物质，如用于干燥氮气、氧气等气体。

食品添加剂

作为食品凝固剂、增稠剂等，用于豆制品、罐头等食品的生产，可增加食品的稳定性和口感。

医药领域

用于治疗血钙降低引起的手足搐搦症、荨麻疹、渗出性水肿等疾病，也可作为医药中间体。

建筑行业

在混凝土中加入氯化钙，可加快混凝土的凝结速度，提高混凝土的强度，还可用于防止混凝土在低温下冻结。

1 二水片状氯化钙



属性	二水片状氯化钙 产品信息属性
CAS编号	10035-04-8
产品名称	二水氯化钙
名称（别名）	氯化钙
产品等级	工业级
危险等级	非危险品
含量	≥74%
型号	工业级氯化钙
货号	二水氯化钙
粒度	2-6cm

执行质量标准	国标GB/T26520-2011
主要成分	氯化钙
分子式	CaCl ₂
外观	片状
pH值	7.5-11.0
EINECS 编号	233-140-8
保质期	2 年
包装	25kg，1000kg英文包装
用途	融雪剂，干燥剂，防冻剂
HS 编码	2827200000

2 二水光球氯化钙



属性	二水光球氯化钙产品信息
CAS 编号	10035-04-8
产品名称	二水氯化钙
名称（别名）	氯化钙
产品等级	工业级
危险等级	非危险品
含量	≥ 74%
型号	工业级氯化钙
货号	二水氯化钙
粒度	3-5mm

执行质量标准	国标GB/T26520-2011
主要成分	氯化钙
分子式	CaCl ₂
外观	光球状
pH值	7.5-11.0
EINECS 编号	233-140-8
保质期	2 年
包装	25kg, 1000kg英文包装
用途	融雪剂, 干燥剂, 防冻剂
HS 编码	2827200000

3 二水粉状氯化钙



属性	二水粉状氯化钙产品信息属性
CAS 编号	10035-04-8
产品名称	二水氯化钙
名称（别名）	氯化钙
产品等级	工业级
危险等级	非危险品
含量	≥ 74%
型号	工业级氯化钙
货号	二水氯化钙
粒度	90目-120目

执行质量标准	国标GB/T26520-2011
主要成分	氯化钙
分子式	CaCl ₂
外观	粉状
pH值	7.5-11.0
EINECS 编号	233-140-8
保质期	2 年
包装	25kg，1000kg英文包装
用途	融雪剂，防冻剂，干燥剂
HS 编码	2827200000

4 无水刺球氯化钙



属性	无水刺球氯化钙 产品信息属性
CAS 编号	10043-52-4
产品名称	无水氯化钙
名称（别名）	氯化钙
产品等级	工业级
危险等级	非危险品
含量	≥ 94%
型号	工业级无水氯化钙
货号	无水氯化钙
粒度	1-3mm， 3-5mm 1-3mm， 3-5mm

执行质量标准	国标GB/T26520-2011
主要成分	氯化钙
分子式	CaCl ₂
外观	刺球状
pH值	7.5-11.0
EINECS 编号	233-140-8
保质期	2 年
包装	25kg， 1000kg英文包装
用途	融雪剂，防冻剂，干燥剂
HS 编码	2827200000

5 无水粉状氯化钙

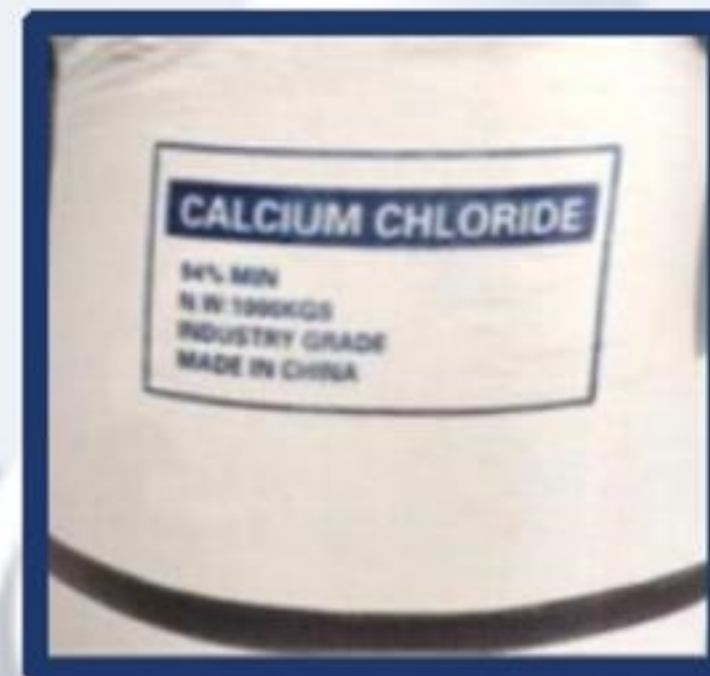


属性	无水刺球氯化钙 产品信息属性
CAS 编号	10043-52-4
产品名称	无水氯化钙
名称（别名）	氯化钙
产品等级	工业级
危险等级	非危险品
含量	≥ 94%
型号	工业级无水氯化钙
货号	无水氯化钙
粒度	120 目

执行质量标准	国标GB/T26520-2011
主要成分	氯化钙
分子式	CaCl ₂
外观	粉状
pH值	7.5-11.0
EINECS 编号	233-140-8
保质期	2 年
包装	25kg, 1000kg英文包装
用途	融雪剂, 防冻剂, 干燥剂
HS 编码	2827200000

包装与储存

- 01 固体：25KG 塑料编织袋（PP 袋内装 PE 内衬袋）
- 02 按需定制唛头/标签/其他包装
- 03 运输容量（20 尺柜）：
氯化钙粉末/球状 25kg,小袋 27 吨，吨包 25 吨；
氯化钙片状 25kg,小袋 23 吨，吨包 20 吨；
- 04 熏蒸托盘打托：氯化钙粉末/球状 24 吨；氯化钙片状 20 吨
- 05 储存条件：干燥、通风、防潮



注意事项



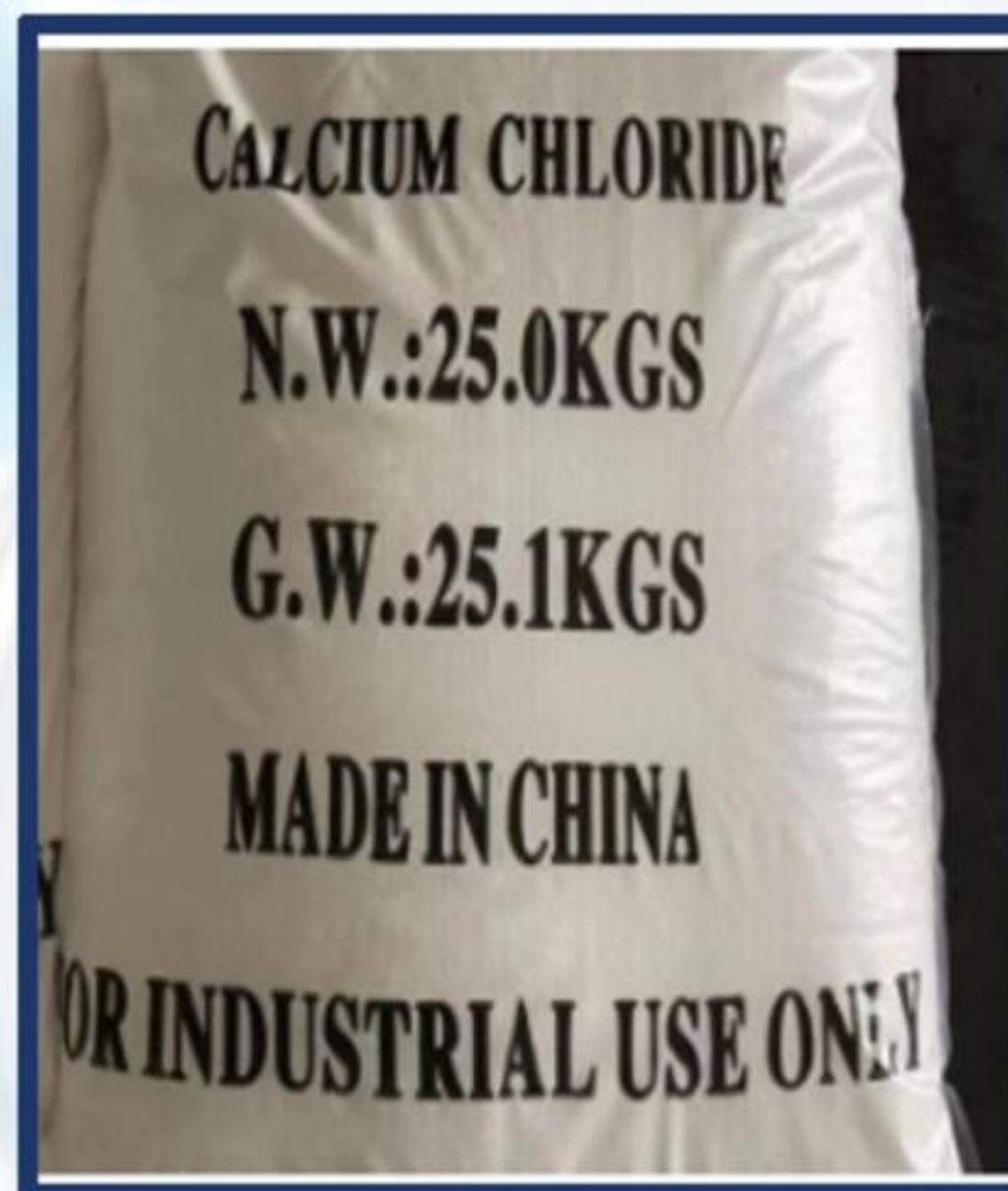
吸入氯化钙粉尘可能会对呼吸道造成刺激，如出现咳嗽、呼吸困难等症状。



皮肤接触氯化钙溶液可能会引起红肿、疼痛等刺激症状，眼睛接触后会对眼睛造成伤害，应立即用大量清水冲洗并就医。



储存时要注意密封，避免受潮。



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期待与您携手合作, 共创美好未来。欢迎来电来函咨询洽谈。