高之巅峰 信著四海

Height to the peak summit *Trust be known in the whole world*

Kosin

江西高信

江西高信前沿科技有限公司

Jiangxi Kosin Frontier Technology Co.,Ltd.

董事长致辞
Board Chairman's Address

江西高信前沿科技有限公司借助于控股公司十多年的化工生产实践和管理平台，自主成功研发三羟甲基丙烷生产技术，并将继续致力于多元醇系列产品的研发和技术储备。公司将广纳贤才，建立一支精干高效的管理团队，力争把高信有机化工公司建成国内知名的多元醇生产企业之一。

公司将秉承“以人为本，诚信经营”的一贯传统，力求关注每一位员工的工作和生活，在公司内部营造家一般的温馨氛围，让员工与企业一同成长；公司愿广交天下朋友，以诚待客，和客户同谋发展；公司立足于社会，努力为社会创造价值和财富是我们不懈的追求和责任。

高信前沿科技公司已经起航，成就百年之业是我们的梦想。我们愿与各界友人共织蓝图，共创辉煌。我们衷心感谢各界朋友对高信有机化工公司的倾力支持！

Jiangxi Kosin Frontier Technology Co., Ltd. researched and developed TMP production technology independently and successfully with the help of more than ten years Organic Chemical industry production practice and management platform of holding parent company, and will continue to devote itself to the research and development and technology reserve of polyatomic alcohol series of products. The company will recruit talented personnel, establish a highly efficient management team, and strive to enable Kosin Organic Chemical Co., Ltd. to be one of national famous polyatomic alcohol manufacturing enterprises.

The company will adhere to the consistent tradition of "people oriented and honest operation", strive to pay close attention to the work and life of every employee, and build friendly atmosphere inside the company, to enable employees to grow together with the company. The company is willing to make friends with people all over the world, treat customers with honesty and pursue development together with customers. Rooted in society, the company regards that striving to create more value and wealth for the society to be our unremitting pursue and responsibility.

Kosin Frontier Technology Co., Ltd. has already set sail, and be a hundreds years of industry is our dream. We are willing to draw blueprint and create resplendence together with friends from all walks of life. We thank friends from all walks of life for their support to Kosin Organic Chemical Co., Ltd. from the bottom of our hearts.

董事长：
Chairman of the Board

企业精神
Enterprise spirit

Kosin

【务　实】

追求实效，不务虚、不搞花架子、不搞形式主义，老老实实做人、踏踏实实做事；

【坚　韧】

咬定青山不放松，无论碰到多少困难、无论遇到多少险阻，不松懈、不放弃，不达目的誓不休；

【知　变】

敏锐地感知环境的变化，并做出积极的反应；

【创　新】

根据环境的变化创造性地工作。创新不仅仅是技术的创新，还有思想的创新、管理的创新、制度的创新。

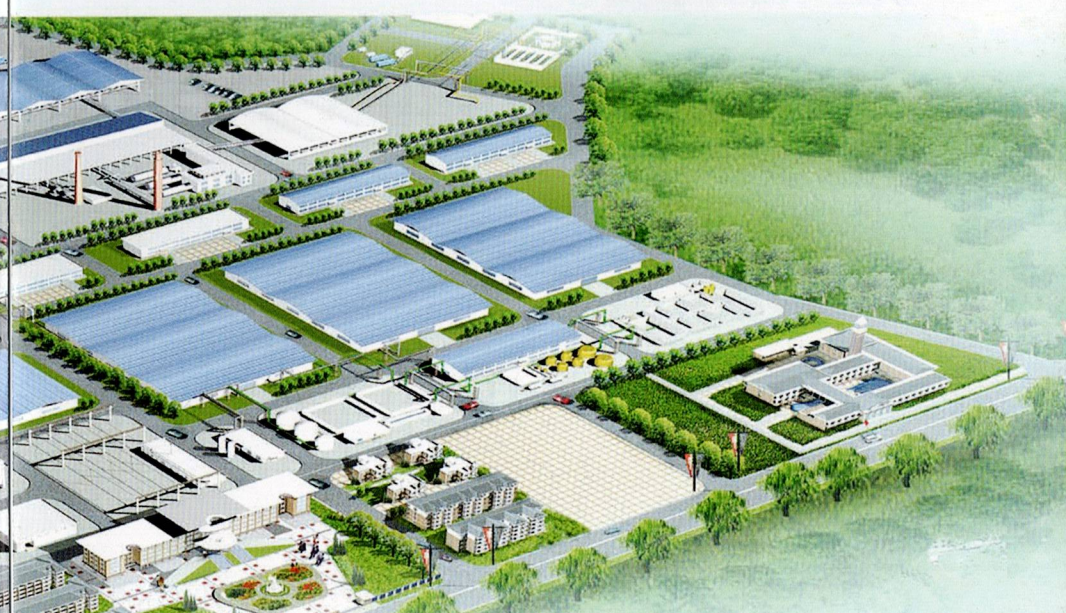
"Pragmatism" is to pursue actual effect, do not perform bogus act, do not do something superficial and do not go in for formalism, to be honest and work steadfastly.

"Tenacity" is to insist to what you pursue, do not relax or give up no matter how many difficulties and dangers you encounter, and never stop until reaching the goal.

"Awareness of change" is to perceive the changes in the environment exquisitely, and make positive reactions.

"Innovation" is to work innovatively according to the changes of the environment. Innovation not only involves technology, but also thought, management and institution.









江西高信前沿科技有限公司成立于2011年，主要从事多元醇系列化工产品和其它有机化工产品的研发和生产。

公司位于举国闻名的才子之乡——江西省抚州市东乡区(古临川府)渊山岗工业园内，地处江西省中心地带，交通便利，区域内人力资源和自然资源十分丰富。

公司占地18万平方米，现有产品为2.5万吨/年的三羟甲基丙烷(TMP)、1200吨/年双三羟甲基丙烷 (Di-TMP) 、1.8万吨/年甲酸钙 (CAFO) 、1万吨/年3-乙氧基丙酸乙酯(EEP)、3000吨/年季戊四醇三烯丙基醚 (APE) 和2.4万吨/年聚酯多元醇。

Jiangxi Kosin Frontier Technology Co., Ltd. was founded in 2011, It's a large-scale enterprise. Specially in researching, developing and producing series of polyols chemical products and other organic chemical products.

Located in Yuan Shan'gang Industrial Park, Dongxiang District, Jiangxi Kosin Frontier Technology Co., Ltd lies in the heartland of Jiangxi province which has convenient traffic, rich human resources and abundant natural resources.

Jiangxi Kosin Frontier Technology Co., Ltd takes a land area of 180,000m^2, main products including 25,000 mt/a TMP ((Trimethylolpropane), 1,200 mt/a of Di-TMP (Di-trimethylolpropane), 18,000m t/a CaFo (Calcium Formate), 10,000m t/a EEP(Ethyl 3-Ethoxypropionate), 3,000t/a APE (Pentaerythritol Triallyl Ether) and 24,000 mt/a Polyester polyol.

企业荣誉
Enterprise Honor

1.2021年度国家高新技术企业
2021 Annual National High-tech Enterprise

2.2024年度“专、精、特、新”小巨人企业。
2024 Annual National Specialized and Innovative Little Giant Enterprise

3.国家知识产权示范企业
National Intellectual Property Demonstration Enterprise

4.省级企业技术中心
Provincial Enterprise Technology Center











5.2024年度江西省“专精特新”中小企业
2024 Annual Specialized and Innovative Small and Medium-sized Enterprise in Jiangxi Province

6.江西省石油和化学工业协会理事单位。
Jiangxi Petroleum and Chemical Industry Association Council Unit

7. 2022年度江西省安全生产先进单位。
2022 Annual Advanced Unit of Safety Production in Jiangxi Province

8. 多项国家级发明专利。
A Number of National Invention Patents



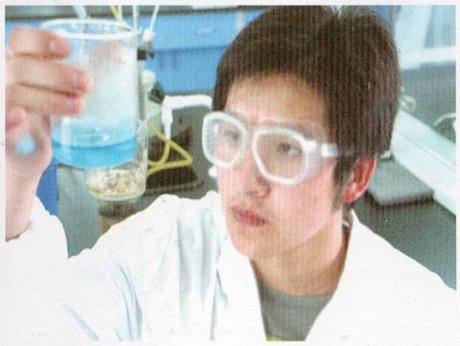






实验室介绍
Introduction of laboratory



公司投资1200万元建设的综合性化工实验室
Comprehensive chemical laboratory with12million Yuan invested by the company

实验室拥有气-液相色谱仪、数字熔点仪、比色仪、气体分析器、数显温控加热仪、分光光度计、旋转蒸发器、PH传感器等主要设备以及精馏、萃取、缩合试验设施。

公司产品研发中心拥有一批在化工领域有多年工作经验的中青年工程师，有较强的产品研发和技术创新能力。公司计划每年将利润的20%投入到实验室，进一步加强其对产品研发和试验的能力。

The laboratory has gas-liquid chromatograph, digital melting point instrument, photoelectric color comparator, gas analyzer, digital temperature control heating instrument, spectrophotometer, rotary evaporator, PH sensor and other major equipments as well as rectification, extraction and condensation test facilities.

The company' s product research and development center has many young and middle-aged engineers who have many years of working experience in the chemical field, and they have relatively strong product research and development and technological innovation capacity. The company plans to invest 20% of annual profit into the laboratory, to further strengthen its ability of product research and development and testing.

先进的DCS控制操作系统
Advanced DCS distributed control operating system

Kosin

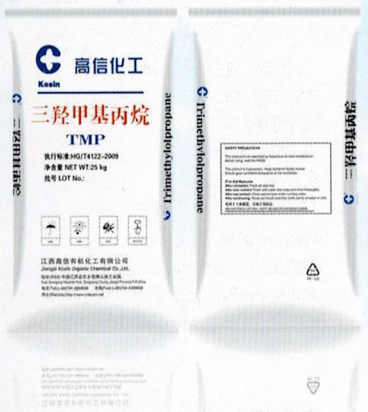



产品介绍
Introduction of products

三羟甲基丙烷
TRIMETHYLOLPROPANE

产品名称：三羟甲基丙烷
英文名称：Trimethylolpropane
英文简称：TMP
化 学 式：$C_6H_{14}O_3$
分 子 量：134.18
产品外观：白色片状结晶

Abbreviation Name: TMP
Molecular Formula: $C_6H_{14}O_3$
Molecular Weight: 134.18
Product Appearance: White flake crystal



产品质量指标：
PRODUCT QUALITY SPECIFICATION:

项 目 Item	指 标 Index
含 量 TMP content, %	≥99.0
羟 基Hydroxyl Value, %	≥37.5
酸度（以甲酸计）Acidity (based on formic acid), %	≤0.002
灰 分 Ash content, %	≤0.005
水 分 Moisture, %	≤0.05
熔 点Melting point (final), ℃	≥58
色 号 Color as fuse, APHA	≤20

产品用途：
1、主要用于醇酸树脂、聚氨酯树脂的生产；
2、用于生产油漆、涂料的固化剂；
3、用于合成高级润滑油、增塑剂、印刷油墨等；
4、用于制备乳化剂、液体燃料添加剂；
5、用作纺织助剂、聚氯乙烯（PVC）树脂的热稳定剂以及多种精细化学品的合成。

产品包装：本品采用聚乙烯包装袋包装，每袋净重25KG，500KG或ISO Tank。

储运条件：TMP有吸湿性，应该保持干燥，温度最好低于30℃,以避免粘结。

APPLICATIONS:
Important applications areas: Alkyd resins, Polyurethanes, Radiation curing monomers, Synthesize lubricant, Plasticizer, Printing ink, Pigment treatment, Textile auxiliary, PVC stabilizers etc.

PRODUCT PACKAGE:
Polyethylene bags 25 Kg and big-bags 500 Kg ,and Iso tank.

STORAGE AND DELIVERY REQUIREMENT:
TMP is hygroscopic and should keep dry at low temperature preferably below 30℃ to avoid caking.

CAS NO.: 77-99-6
EC (EINECS) No.: 201-074-9
HS No.: 2905410000

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双–三羟甲基丙烷Di–TMP
DI- TRIMETHYLOLPROPANE

产品名称：双三羟甲基丙烷
英文名称：Di –Trimethylolpropane
英文简称：Di-TMP
化 学 式：$C_{12}H_{26}O_5$
分 子 量：250.33
产品外观：白色片状晶体

Abbreviation Name: Di-TMP
Molecular Formula: $C_{12}H_{26}O_5$
Molecular Weight: 250.33
Product Appearance: White flake crystal



产品质量指标：
PRODUCT QUALITY SPECIFICATION:

项 目 Item	指 标 Index
	Grade 95
含 量 Di-TMP content, %	≥95
羟基数 Hydroxyl number, mg KOH	890 - 910
酸度（以甲酸计）Acidity (based on formic acid), %	≤0.002
灰 分Ash content, %	≤0.05
水 分 Moisture, %	≤0.5
熔 点 Melting point, ℃	106-115
色 号(APHA) Color as fuse, APHA	≤120

产品用途：主要用于生产丙烯酸单体/低聚物、合成润滑油、特种树脂及化学中间体、涂料树脂、PVC稳定剂等。

产品包装：本品采用聚乙烯包装袋包装 每袋净重 25KG，500KG。

储运条件：本品属非危险品，储运时应防潮、防晒、防火、防破损。

APPLICATIONS:
Di-TMP mainly used in the production of acrylic monomers, oligomer , synthetic lubricant, special resins and chemical intermediate, coating resins, stabilizing agent of PVC etc.

PRODUCT PACKAGE:
Polyethylene bags 25 Kg or 500Kg big-bags.

STORAGE AND DELIVERY REQUIREMENT:
Di-TMP is non-dangerous and should keep dry, prevent sunshine, fire and breakage.

CAS NO.: 23235-61-2
EC (EINECS) No.: 245-509-0
HS No.: 2909490000

产品介绍
Introduction of products

工业级甲酸钙
CALCIUM FORMATE(Technical Grade)



产品名称：甲酸钙
分 子 式：$Ca(HCOO)_2$
分 子 量：130.12
产品外观：白色结晶

Abbreviation Name: CaFo
Molecular Formula: $Ca(HCOO)_2$
Molecular Weight: 130.12
Product Appearance: White powder

产品质量指标：
PRODUCT QUALITY SPECIFICATION:

项 目 Item	指 标 Index
甲酸钙含量 Calcium formate content, %	≥ 98
Ca含量 Calcium content, %	≥ 30.1
重金属(以Pb计) Heavy metal (lead measuremen), ppm	≤ 20
水 分 Moisture, %	≤ 0.5
10%水溶液PH值 PH of 10% water solution	6.5-7.5

产品用途：主要用于新型饲料添加剂。
产品包装：防潮纸袋包装（25KG）或1200KG大包装。
储运条件：本品属非危险品，储运时应防潮、防晒、防火、防破损。

APPLICATIONS:
Additives in the new type forage.
PRODUCT PACKAGE:
Anti-moisture bags of 25 kg or 1200Kg big-bags
STORAGE AND DELIVERY REQUIREMENT:
This product is non-dangerous and should keep cool and dry, prevent breakage.
CAS NO.: 544-17-2
EC (EINECS) No.: 208-863-7
HS No.: 2915120000

Kosin

饲料级甲酸钙
CALCIUM FORMATE (Feed Grade)



产品名称：甲酸钙
分 子 式：$Ca(HCOO)_2$
分 子 量：130.12
产品外观：白色结晶

Abbreviation Name: CaFo
Molecular Formula: $Ca(HCOO)_2$
Molecular Weight: 130.12
Product Appearance: White powder

产品质量指标：
PRODUCT QUALITY SPECIFICATION:

项 目 Item	指 标 Index
甲酸钙含量 Calcium formate content, %	≥ 98
Ca含量 Calcium content, %	≥30.1
重金属(以Pb计)Heavy metal (lead measurement), ppm	≤ 20
水 分 Moisture, %	≤ 0.5
水不溶物 Water insolubles, %	≤ 0.2
10%水溶液PH值 PH of 10% water solution	6.5-7.5
砷含量As content,%	≤0.002

产品用途：主要用于水泥的快速凝固剂、润滑剂，大型锅炉烟道气脱硫等。
产品包装：防潮纸袋包装（25KG）或1200KG大包装。
储运条件：本品属非危险品，储运时应防潮、防破损。

APPLICATIONS:
CaFo is mainly used in the building industry act as an industrial chemical compound and faster setting, early strength gain accelerating admixture for concrete or mortars and for flue gas desulfurization in the boiler system.
PRODUCT PACKAGE:
Anti-moisture bags of 25 kg or 1200Kg big-bags
STORAGE AND DELIVERY REQUIREMENT:
This product is non-dangerous and should keep cool and dry, prevent breakage.
CAS NO.: 544-17-2
EC (EINECS) No.: 208-863-7
HS No.: 2915120000

产品介绍
Introduction of products

3-乙氧基丙酸乙酯
Ethyl 3-ethoxypropionate(EEP)



产品名称： 3-乙氧基丙酸乙酯
分 子 式： $C_7H_{14}O_3$
分 子 量： 146.8
产品外观： 无色透明液体

Abbreviation Name: Ethyl 3-ethoxypropionate(EEP)
Molecular Formula: $C_7H_{14}O_3$
Molecular Weight: 146.18
Product Appearance: Colorless liquid

产品质量指标：
PRODUCT QUALITY SPECIFICATION:

项 目 Item	指 标 Index
含量 Content %	≥ 99.5
乙醇含量 Ethanol content%	≤ 0.1
丙烯酸乙酯含量Ethyl Acrylate Content%	≤0.35
密度 Density(20℃)kg/m3	947-953
水分 Moisture%	≤ 0.05
酸度（以乙酸计）Acidity(based on acetic acid)%	≤ 0.02
色度（铂-钴色号）Color (Pt-Co)	≤ 15

产品用途： 主要用于汽车涂料（原厂漆、修补漆）、塑胶漆、日用电器涂料中，并可用于丝网印刷油墨，其他油墨和图文制品，高档油墨的慢干溶剂，还可用于微电子行业（去光阻稀释剂，电子清洗剂）。

产品包装： 198KG/铁桶、195KG/铁桶、930KG IBC吨桶、ISO Tank。

注意事项： 避免强光照射；避免和食品接触；与皮肤接触，用水清洗灭火方法：水、沙土

Applications: EEP is mainly used as solvent in the baked and repair paints for the automotive,household appliance paint, screen printing ink, high-grade ink and graphic products. It can also be usedas photo resist diluents, electronic cleaning agent in microelectronic industry.

Package: 198KG/Iron drum、195KG/Iron drum、930KGIBCdrum、ISO TNAK

Precautions: Avoid strong sunlight , keep away from food stuffs; In case of contact with the skin , washwith water.

Extinguishing method: water, sand.

CAS No:763-69-9
EINECS No:212-112-9
HS No: 2918990090

聚酯多元醇

Kosin



型号：KS-400A

产品质量指标：

项 目	指 标
羟值	400±30
粘度	4000±1000
酸值	≤2
水分	<0.2
色号	≤13.5

产品用途： 广泛应用于喷涂，内外墙、冷库保温。
包装： 包装 230KG 镀锌桶

型号：KS-380

产品质量指标：

项 目	指 标
羟值	380±20
粘度	4000±1000
酸值	≤2
水分	<0.2
色号	≤13.5

产品用途： 广泛应用于冰箱等戊烷体系。
包装： 包装 230KG 镀锌桶

型号：KS-8100

产品质量指标：

项 目	指 标
羟值	300±20
粘度	20000±5000
酸值	≤2
色号	≤13.5

产品用途： 广泛应用于双组份彩钢板胶水，粘接力强。
包装： 包装 230KG 镀锌桶

型号：KS-8200

产品质量指标：

项 目	指 标
羟值	390±20
粘度	6000±1000
酸值	≤3.5
水分	<0.3
色号	≤13.5

产品用途： 广泛应用于冰箱等戊烷体系。
包装： 包装 230KG 镀锌桶,蓝色桶。

型号：KS-8300

产品质量指标：

项 目	指 标
羟值	400±20
粘度	5000±1000
酸值	≤3. 5
水分	<0.3
色号	≤13.5

产品用途： 广泛应用于喷涂、冰箱等体系。
包装： 包装 1000KG 吨桶

通过ISO 9001:2015质量管理体系认证
Passed ISO9001:2015 quality management system certificate

通过ISO 14001:2015 环境管理体系
Passed ISO14001:2015 Environment management system certificate

通过ISO 45001:2018 职业健康安全管理体系认证
Passed ISO45001:2018 Occupational health and safety management system certificate

江西高信前沿科技有限公司
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