

化学品安全技术说明书

(Material Safety Data Sheet)

第一部分：产品资料

Part 1: Product Data

产品名称: Product name:	煤基费托合成全馏分液体石蜡 2# Coal-based Fischer-Tropsch Synthetic Full-range Liquid Paraffin No. 2
产品型号: Product model:	2 #
商标: Trademark:	N/A
申请商名称: Applicant Name:	舟山宁伊贸易有限公司 Zhoushan Ningyi Trading Co., Ltd.
申请商地址: Applicant Address:	中国（浙江）自由贸易试验区舟山市定海区舟山港综合保税区企业服务中心 301-21036 室 Room 301-21036, Enterprise Service Center, Zhoushan Port Comprehensive Bonded Zone, Dinghai District, Zhoushan City, China (Zhejiang) Pilot Free Trade Zone
联系电话: Contact number:	15541986888
邮箱: E-Mail:	187305519@qq.com

第二部分：危险有害性的分类

Part 2: Hazard(s) Identification

紧急情况概述: Emergency situation overview:	可能引起皮肤过敏反应。引起严重的眼睛刺激。可燃液体，起火时可能产生危害性气体或蒸气。 May cause skin allergic reactions. Can cause severe eye irritation. Flammable liquids, when on fire, may cause the generation of harmful gases or vapors.
GHS 危险性类别: GHS hazard category:	严重眼损伤 / 眼刺激 类别 2 Severe eye injury / eye irritation category 2
警示词 Warning words	警告 Warning
标签要素: Tag elements:	
危险性说明:	H317 可能导致皮肤过敏反应

Risk description:	H317 May cause allergic skin reactions H319 造成严重眼刺激 H319 Causes severe eye irritation
预防措施: Preventive measure:	P210 远离热源/火花/明火/热表面。禁止吸烟。 P210 Stay away from heat sources, sparks, open flames, and hot surfaces. No smoking. P233 保持容器密闭。 P233 Keep the container sealed. P242 只能使用不产生火花的工具。 P242 Only use tools that do not generate sparks. P243 采取防止静电放电的措施。 P243 Take measures to prevent static discharge. P264 作业后彻底清洗。 P264 Thoroughly clean after work. P261 避免吸入粉尘/烟/气体/烟雾/蒸气/喷雾。 P261 Avoid inhaling dust / smoke / gas / fumes / vapors / sprays.
事故响应: Accident response:	P303+P361+P353 如皮肤(或头发)沾染: 立即脱掉所有沾染的衣服。用水清洗皮肤/淋浴。 P303 + P361 + P353 In case of skin (or hair) contamination: Immediately remove all contaminated clothing. Wash the skin with water / take a shower. P370+P378 火灾时: 使用灭火器灭火。 P370 + P378 In case of fire: Use the fire extinguisher to put out the fire. 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 In case of getting into eyes: Rinse with water for a few minutes carefully. If wearing contact lenses and they can be easily removed, remove the contact lenses. Continue rinsing. P337+P313 如仍觉眼刺激: 求医/就诊。 P337 + P313 If you still feel eye irritation: Seek medical advice/treatment.
安全储存: Safe storage:	P403+P233 存放在通风良好的地方。保持容器密闭。 P403 + P233 should be stored in a well-ventilated area. Keep the container sealed. P405 存放处须加锁。 P405 storage must be locked
废弃处置: Waste disposal:	P501 按当地法规处置内装物/容器。 P501 Dispose of contents/containers in accordance with local regulations
物理和化学危险: The Physical and	无资料 No data

Chemical Hazards:	
健康危害: Health hazard:	可能引起皮肤过敏反应。引起严重的眼睛刺激。可燃液体，起火时可能产生危害性气体或蒸气。 May cause skin allergic reactions. Can cause severe eye irritation. Flammable liquids, when on fire, may cause the generation of harmful gases or vapors.
环境危害: Environment hazards:	无资料 No data

第三部分：主要成分及原料

Part 3: Composition / Information on Ingredients

成分组成 Component composition	百分占比 (%) Percentage ratio (%)	CAS 号. CAS No.
十一烷 Undecane	27.15%	1120-21-4
十二烷 Dodecane	13.62%	112-40-3
十四烷 Tetradecane	17.98%	629-59-4
正十五烷 Nonyl alcohol	8.55%	629-62-9
4-甲基壬烷 4-Methylnonane	3.64%	17301-94-9
3,6-二甲基辛烷 3,6-Dimethyloctane	4.08%	15869-94-0
3-甲基癸烷 3-Methyldecane	3.09%	13151-34-3
2,6,6-三甲基癸烷 2,6,6-Trimethyldecane	3.53%	62108-24-1
正十九烷 Nonadecane	3%	629-92-5
2,5-二甲基十一烷 2,5-Dimethylundecane	15.36%	17301-22-3

第四部分：急救措施

Part 4: First-Aid Measures

急救:

Emergency:

吸入: 如果吸入, 请将患者移到新鲜空气处。

Inhalation: If inhalation occurs, move the patient to an area with fresh air.

皮肤接触: 脱去污染的衣着, 用肥皂水和清水彻底冲洗皮肤。如有不适感, 就医。

Skin Contact: Remove contaminated clothing and thoroughly rinse the skin with soapy water and clean water. Seek medical attention if there is any discomfort.

眼睛接触: 分开眼睑, 用流动清水或生理盐水冲洗。立即就医。

Eye Contact: Open the eyelids and rinse with flowing water or physiological saline. Seek immediate medical attention.

食入: 漱口, 禁止催吐。立即就医。

Ingestion: Rinse the mouth and do not induce vomiting. Seek immediate medical attention.

对保护施救者的忠告: 将患者转移到安全的场所。咨询医生。出示此化学品安全技术说明书给到现场的医生看。

Advice for protecting the rescuer: Move the patient to a safe place. Consult a doctor. Show this chemical safety data sheet to the doctor at the scene.

对医生的特别提示: 无资料

Special reminder for the doctor: No information available.

第五部分: 消防措施

Part 5: Fire-Fighting Measures

灭火介质

Fire extinguishing medium

灭火方法及灭火剂:

Fire extinguishing method and extinguishing agent:

用水雾、干粉、泡沫或二氧化碳灭火剂灭火。避免使用直流水灭火, 直流水可能导致可燃性液体的飞溅, 使火势扩散。

Extinguish fire with water mist, dry powder, foam or carbon dioxide extinguishing agent.

Avoid using direct running water to extinguish the fire, which may cause splashing of flammable liquid and spread the fire.

特别危险性:

Special danger:

无资料

No data.

灭火注意事项及防护措施:

Fire precautions and protective measures:

消防人员须佩戴携气式呼吸器, 穿全身消防服, 在上风向灭火。

Fire personnel should wear air breathing apparatus, wear full fire clothing, and fight fire upwind.

尽可能将容器从火场移至空旷处。

If possible, move the container from the fire to an open area.

处在火场中的容器若已变色或从安全泄压装置中发出声音, 必须马上撤离。

Containers in the fire area must be evacuated immediately if they are discolored or emit sound from the safety relief device.

隔离事故现场，禁止无关人员进入。

Isolate the accident site and prohibit irrelevant personnel from entering.

收容和处理消防水，防止污染环境。

Contain and treat fire water to prevent environmental pollution.

第六部分：泄漏应急处理

Part 6: Accidental Release Measures

作业人员防护措施、防护装备和应急处置程序：

Protective measures for operators, protective equipment and emergency procedures:

消除所有火源。根据液体流动和蒸气扩散的影响区域划定警戒区，无关人员从侧风、上风向撤离至安全区。建议应急处理人员戴正压自给式呼吸器，穿防毒服，戴防化学品手套。尽可能切断泄漏源。防止泄漏物进入水体、下水道、地下室或限制性空间。

Eliminate all sources of fire. Warning zones should be demarcated based on the affected areas of liquid flow and vapor diffusion. Unrelated personnel should evacuate to safe areas from the crosswise and upwind directions. It is recommended that emergency response personnel wear positive pressure self-contained breathing apparatus, anti-toxic suits and chemical-resistant gloves. Cut off the source of leakage as much as possible. Prevent the leakage from entering water bodies, sewers, basements or restricted Spaces.

少量泄漏：用砂土或其他不燃材料吸收。

Minor leakage: Absorb with sand or other non-combustible materials.

大量泄漏：构筑围堤或挖坑收容。用泡沫覆盖，减少蒸发。用砂土、惰性物质或蛭石吸收大量液体。用泵转移至槽车或专用收集器内。

In case of large-scale leakage: Build embankments or dig pits for containment. Cover with foam to reduce evaporation. Absorb large amounts of liquid with sand, inert substances or vermiculite. Transfer it to a tanker or a special collector by pump.

环境保护措施：

Recycling is recommended.

防止泄漏，以避免污染环境。

Prevent leakage to avoid polluting the environment.

防止泄漏进入下水道、地表水和地下水。

Prevent leaks into sewers, surface water and groundwater.

第七部分：操作与储存注意事项

Part 7: Handling and Storage

操作注意事项：

Operation precautions:

防止静电荷积聚(例如通过接地)。

Prevent the accumulation of static charges (for example, through grounding).

操作人员应经过专门培训，严格遵守操作规程。

Operators should be specially trained and strictly abide by the operating procedures.

操作处置应在具备局部通风或全面通风换气设施的场所进行。

Handling should be carried out in places with local ventilation or full ventilation facilities.

避免眼和皮肤的接触，避免吸入蒸汽。

Avoid eye and skin contact and avoid inhaling steam.

个体防护措施参见第 8 部分。

Personal protection measures refer to Section 8.

远离火种、热源，工作场所严禁吸烟。

Keep away from fire and heat. No smoking in the workplace.

使用防爆型的通风系统和设备。

Use explosion-proof ventilation systems and equipment.

如需罐装，应控制流速，且有接地装置，防止静电积聚。

If it is necessary to canning, the flow rate should be controlled, and there is a grounding device to prevent static accumulation.

避免与氧化剂等禁配物接触（禁配物参见第 10 部分）。

Avoid contact with prohibited compounds such as oxidants (see Section 10 for prohibited compounds).

搬运时要轻装轻卸，防止包装及容器损坏。

When handling, light loading and unloading should be done to prevent damage to packaging and containers.

倒空的容器可能残留有害物。

Empty containers may have harmful residues.

使用后洗手，禁止在工作场所进饮食。

Wash hands after use. Do not eat or drink in the workplace.

配备相应品种和数量的消防器材及泄漏应急处理设备。

Equipped with the corresponding variety and quantity of fire equipment and leakage emergency treatment equipment.

储存注意事项：

Storage precautions:

储存于阴凉、通风的库房。

Store in a cool, ventilated warehouse.

库温不宜超过 37°C。

The storage temperature should not exceed 37°C.

应与氧化剂、食用化学品分开存放，切忌混储（禁配物参见第 10 部分）。

It should be stored separately from oxidants and edible chemicals, and should not be mixed (see Section 10 for forbidden compounds).

保持容器密封。

Keep the container sealed.

远离火种、热源。

Keep away from fire and heat.

库房必须安装避雷设备。

Lightning protection equipment must be installed in the warehouse.

排风系统应设有导除静电的接地装置。

The exhaust system should be equipped with a grounding device to remove static electricity.

采用防爆型照明、通风设置。

Explosion-proof lighting and ventilation Settings are adopted.

禁止使用易产生火花的设备和工具。

Do not use equipment and tools that may cause sparks.

储区应备有泄漏应急处理设备和合适的收容材料。

The storage area should be equipped with leak emergency treatment equipment and suitable containment materials.

第八部分：接触控制与个体防护

Part 8: Exposure Controls / Personal Protection

职业接触限值：

Occupational exposure limits:

无资料

No data

生物限制：

Biological limitations:

无资料

No data

监测方法：

Monitoring method:

GBZ/T 160.1 ~ GBZ/T 160.81-2004 工作场所空气有毒物质测定（系列标准），EN 14042 工作场所空气 用于评估暴露于化学或生物试剂的程序指南。

GBZ/T 160.1 ~ GBZ/T 160.0.1-2004 Determination of toxic substances in workplace air (Series of standards), EN 14042 Guidance on procedures for assessing exposure to chemical or biological agents in workplace air.

工程控制：

Engineering control:

作业场所建议与其它作业场所分开。

Workspaces are recommended to be separated from other workspaces.

密闭操作，防止泄漏。

Closed operation to prevent leakage.

加强通风。

Enhance ventilation.

设置自动报警装置和事故通风设施。

Set up automatic alarm device and emergency ventilation facilities.

设置应急撤离通道和必要的泻险区。

Set up emergency evacuation channels and necessary drainage areas.

设置红色区域警示线、警示标识和中文警示说明，并设置通讯报警系统。

Set up red area warning line, warning mark and Chinese warning description, and set up communication alarm system.

提供安全淋浴和洗眼设备。

Safety shower and eye washing facilities are available.

个体防护装备:

Personal Protective Equipment:

呼吸系统防护: 空气中浓度超标时, 佩戴过滤式防毒面具(半面罩)。紧急事态抢救或撤离时, 应该佩戴携气式呼吸器。

Respiratory system protection: When the concentration in the air exceeds the standard, wear a filter gas mask (half mask). In case of emergency rescue or evacuation, you should wear an air breathing apparatus.

手防护: 戴橡胶耐油手套。

Hand protection: Wear rubber oil-resistant gloves.

眼睛防护: 戴化学安全防护眼睛。

Eye protection: Wear chemical safety protection for your eyes.

皮肤和身体防护: 穿防毒物渗透工作服

Skin and body protection: Wear protective clothing.

第九部分: 理化特性

Part 9: Physical and Chemical Properties

外观及气味: Appearance and odor:	透明液体水剂, 无气味 Transparent liquid aqueous solution, odorless		
熔点: Melting poin:	无资料 No data	溶解于水: Dissolved in water:	无资料 No data
密度: Density:	无资料 No data	可燃性的限制: Flammability limitations:	不会产生爆炸 Will not cause an explosion

第十部分: 稳定性和反应活性

Part 10: Stability and Reactivity

稳定性: Stability:	正常环境温度下储存和使用, 本品稳定 This product is stable when stored and used under normal ambient temperature
危险的聚合作用: Dangerous polymerization:	无资料 No data
不相容物: Incompatible:	无资料 No data
应避免的条件: Conditions to be avoided:	静电放电、热、潮湿等。 Electrostatic discharge, heat, humidity, etc.

第十一部分：毒理学资料 Part 11: Toxicological Information

毒理学效应资料

Information on Toxicological Effects

急性毒性-口腔接触：

无资料

No data available.

皮肤刺激或腐蚀

Skin irritation or corrosion:

无资料

No data available.

眼睛刺激或腐蚀：

Eye irritation or corrosion:

无资料

No data available.

呼吸道或皮肤过敏：

Respiratory or skin allergies:

无资料

No data available.

生殖细胞突变：

Germ cell mutation:

无资料

No data available.

致癌性：

Carcinogenicity:

无资料

No data.

生殖毒性：

Reproductive toxicity:

无资料

No data available.

特定靶器官系统毒性-一次接触

Specific target organ system toxicity - One exposure:

无资料

No data available.

特定靶器官系统毒性-反复接触：

Specific target organ system toxicity - Repeated exposure:

无资料

No data available.

第十二部分：生态学资料

Part 12: Ecological Information

生态毒性

Ecological toxicity

无资料

No data available.

持久性和降解性

Persistence and degradability

无资料

No data available.

生物蓄积潜力

Biostock potential

无资料

No data available.

土壤中的迁移性

Mobility in the soil

无资料

No data available.

PBT 和 vPvB 的结果评价

Evaluation of the results for the PBT and the vPvB

由于化学品安全评估未要求/未开展，因此 PBT/vPvB 评估不可用。

The PBT / vPvB assessment is not available as the chemical safety assessment is not required / not performed.

其他环境有害作用

Other environmental harmful effects

无资料

No data available.

第十三部分：废弃处置

Part 13: Disposal Considerations

如果可能，回收处理。请咨询当地管理部门。建议在可燃溶剂中溶解混合，在装有后燃和洗涤装置的化学焚烧炉中焚烧。废弃处置时请遵守国家、地区和当地的所有法规。

Recycle if possible. Please consult your local administration. It is recommended that the mixture be dissolved in a flammable solvent and incinerated in a chemical incinerator equipped with a post-burning and washing device. Comply with all national, regional and local regulations when disposing of waste.

第十四部分：运输信息

Part 14: Transportation Information

联合国编号 UN number: -

欧洲陆运危规 / ADR/RID: -

国际海运危规 / IMDG: -

国际空运危规 / IATA-DGR: -

联合国运输名称

The United Nations transport name

欧洲陆运危规 / ADR/RID: 非危险货物 Non-dangerous goods

国际海运危规 / IMDG: - 非危险货物 Non-dangerous goods

国际空运危规 / IATA-DGR: 非危险货物 Non-dangerous goods

运输危险类别

Transportation danger category

欧洲陆运危规 / ADR/RID: -

国际海运危规 / IMDG: -

国际空运危规 / IATA-DGR: -

包装方法: 按照生产商推荐的方法进行包装, 例如: 开口钢桶。安瓿瓶外普通木箱。螺纹口玻璃瓶、铁盖压口玻璃瓶、塑料瓶或金属桶(罐)外普通木箱等。

Packaging method: Pack according to the method recommended by the manufacturer, for example: open steel drums. Ordinary wooden cases for ampoule bottles. Threaded glass bottles, iron-covered screw-top glass bottles, plastic bottles or metal drums (cans) in ordinary wooden cases, etc.

海洋污染物(是/否): 否

Marine pollutants (yes/no): No

运输注意事项:

Transportation Precautions:

运输车辆应配备相应品种和数量的消防器材及泄漏应急处理设备。

The transportation vehicles should be equipped with the appropriate types and quantities of fire-fighting equipment and emergency handling devices for leakage situations.

严禁与氧化剂、食用化学品等混装混运。

It is strictly prohibited to be mixed and transported together with oxidants, edible chemicals, etc.

装运该物品的车辆排气管必须配备阻火装置。

The exhaust pipe of the vehicle transporting this item must be equipped with a fireproof device.

使用槽(罐)车运输时应有接地链, 槽内可设孔隔板以减少震荡产生静电。

When transporting by tanker (tanker truck), a grounding chain should be provided. Portholes or partition boards can be installed inside the tank to reduce static electricity generated by vibration.

禁止使用易产生火花的机械设备和工具装卸。

It is prohibited to use mechanical equipment and tools that may generate sparks for loading and unloading.

夏季最好早晚运输。

It is best to transport during the early and late hours of summer.

运输途中应防暴晒、雨淋，防高温。

During transportation, it should be protected from direct sunlight, rain and high temperatures.

中途停留时应远离火种、热源、高温区。

When stopping midway, one should stay away from fire sources, heat sources and high-temperature areas.

公路运输时要按规定路线行驶，勿在居民区和人口稠密区停留。

When transporting by road, you must follow the designated route and do not stop in residential areas or densely populated areas.

铁路运输时要禁止溜放。

Slippery shunting is prohibited during railway transportation.

严禁用木船、水泥船散装运输。

It is strictly prohibited to transport by using wooden boats or cement boats in a bulk manner.

运输工具上应根据相关运输要求张贴危险标志、公告。

Danger signs and notices should be posted on the transportation vehicles in accordance with relevant transportation requirements.

第十五部分：适用法规

Part 15: Regulatory Information

下列法律、法规、规章和标准，对该化学品的管理作相应的规定：

The following laws, regulations, rules and standards shall make corresponding provisions for the management of the chemical:

中华人民共和国职业病防止法：

Occupational Disease Prevention Law of the People's Republic of China:

职业病危害因素分类目录(2015): 未列入

Classification of occupational hazard factors (2015): Not included

危险化学品安全管理条例：

Regulations on the Safety Management of hazardous Chemicals:

危险品化学品目录（2015）：未列入

Hazardous Chemicals List (2015) : Not included

易制爆危险化学品名录（2017）：未列入

List of Explosive Hazardous Chemicals (2017) : Not included

重点监管的危险化学品名录：

List of hazardous chemicals under key supervision:

首批和第二批重点监管的危险化学品名录: 未列入

List of the first and second batch of hazardous chemicals under key supervision: Not included

危险化学品环境管理登记办法（试行）：

Measures for the Environmental Management Registration of hazardous Chemicals (trial) :

重点环境管理危险化学品目录: 未列入

List of key hazardous chemicals for environmental management: Not included

麻醉药品和精神药品管理条例：

Regulations on the Control of Narcotic Drugs and psychotropic Substances:

麻醉药品品种目录: 未列入

List of narcotic drug varieties: Not included

精神药品品种目录: 未列入

List of psychotropic drugs: Not included

新化学物质环境管理办法：

New environmental management measures for chemical substances:

中国现有化学物质名录(2013): 列入

List of Existing Chemical Substances in China (2013): Included

第十六部分：其它信息

Part 16: Other Information

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-----报告结束-----

-----End of reporting-----