

**SAFETY DATA SHEET:** According to EC-directive 2001/58/EC**Rubber Antioxidant BHT(264)****HS Code: 29071990.90****1. 化学品及企业标示(CHEMICAL PRODUCT AND COMPANY IDENTIFICATION)**

产品标签名/ Product label name	2,6-二叔丁基对甲基苯酚 2,6-di-tert-butyl-4-methyl phenol 深圳市华起达实业有限责任公司 Meyor Industrial Co.,Ltd
供应商/ Supplier	深圳市罗湖区中兴路外贸集团大厦 2610-2611 室 RM 2610-2611 Foreign Trade Building, Zhong Xing Road Shen Zhen. China TEL:+86-755-82184166 FAX:+86-755-82187033
紧急电话/ Emergency telephone	+86-755-82190130
产品用途/ Intended use	橡胶防老剂(饲料)/ Rubber Antioxidant(Feed)

**2. 成分/组成信息(COMPOSITION/INFORMATION ON INGREDIENTS)**

化学名/ Chemical name	2,6-二叔丁基对甲基苯酚 2,6-di-tert-butyl-4-methyl phenol
CAS 编号/ CAS NO.	128-37-0
产品描述/ Chemical description	白色结晶颗粒/ White crystallize granule
TSCA NO. 编码/ TSCA NO.	无/ none
EINECS 号码/ EINECS NO.	无/ none
其他信息/ Other information	Formula: C <sub>15</sub> H <sub>24</sub> O

**3. 危险性概述(HAZARDS IDENTIFICATION)****Classification of the substance or mixture:****Environmentally Damaging**

Acute hazards to the aquatic environment, category 1



Chronic hazards to the aquatic environment, category 1

Acute aquatic toxicity, category 1

Chronic aquatic toxicity, category 1

Hazards Not Otherwise Classified - Combustible Dust

**Signal word** :Warning

**Hazard statements:**

Very toxic to aquatic life with long lasting effects

Very toxic to aquatic life

**Precautionary statements:**

Avoid release to the environment

Wear protective gloves/protective clothing/eye protection/face protection

Use personal protective equipment as required

Collect spillage

Store in a dry place

Dispose of contents/container to ...

**Combustible Dust Hazard:**


May form combustible dust concentrations in air (during processing).

**Other Non-GHS Classification:**


## WHMIS

### Butylated Hydroxy


D1B



D2B



NEPA/HMIS



NFPA SCALE (0-4)

Health	0
Flammability	1
Physical Hazard	0
Personal Protection	X

HMIS RATINGS (0-4)

## 4. 急救措施(FIRST AID MEASURES)

症状和效果/ Symptoms and effects

Repeated contact may cause skin sensitization.  
经常接触可能导致皮肤过敏。。

急救/ First aid

**通常情况/ General**

In all cases of doubt, or when symptoms persist, seek medical attention.  
任何可疑情况, 或有任何症状出现, 请马上找医生咨询。

**吸入/ Inhalation**

Move to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel Keep warm. Get immediate medical attention.

呼吸新鲜空气。如果不能呼吸, 给予人工呼吸或自动供氧。保温, 请马上就医。

**皮肤/ Skin**

Remove all contaminated clothing immediately. Wash off with plenty of soap and water.

Seek medical advice if irritation develops. Launder clothes before reuse.  
立即移走所有被污染的衣物。用肥皂和清水冲洗。

如果出现愤怒、烦躁症状请立即就医。衣物重新使用前需洗涤干净。

**眼睛/ Eye**

Rinse thoroughly with plenty of water for at least 20 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation develops.

翻开眼睑用清水冲洗干净在 20 分钟以内。

确保洗除残渣。如果出现愤怒症状请就医。

**摄取/ Ingestion**

If swallowed, call a physician or poison control center immediately.

Never give anything by mouth to an unconscious person. Do not induce vomiting unless instructed by medical personnel. Get medical attention.

如果吞食请马上叫医生或中毒控制中心联络。绝不能放任何东西在昏迷的人口中。医生指示下引起呕吐。获得医疗照顾。

**医生建议/ Advice to physician**

No specific recommendations.

无详细建议。

**5. 消防措施(FIRE-FIGHTING MEASURES)****灭火媒介/ Extinguishing media**

dry chemical powder, CO<sub>2</sub>

**不适用的灭火媒介**

干粉灭火器, CO<sub>2</sub>

**/ Unsuitable extinguishing media**

waterjet.

水注(流)

**特殊危险/ Special exposure hazards**

Emits toxic fumes under fire conditions.

在火灾情况下释放的有毒烟气。

**分解腐烂危险/燃烧产品/****Hazardous decomposition/  
combustion products**

Carbon monoxide (CO)

一氧化碳。

**保护设备/ Protective equipment**

Wear self contained breathing apparatus.

需佩戴空气呼吸器。

**其他信息/ Other information**

Do not allow run-off from fire fighting to enter drains or water courses.

避免消防水接触下水道, 土地或水源。

**6. 泄露应急处理(ACCIDENTAL RELEASE MEASURES)**



个人防护/ Personal precautions	For personal protection see Section 8. Avoid dust generation. 对于个人防护请参照第 8 部分。避免粉尘的产生。
环境预防/ Environmental precautions	Avoid discharge into the environment. 避免流入环境之中。
清洁处理方法/ Methods for cleaning up	Collect as much as possible in a clean container for (preferable) reuse or disposal. 尽可能的将其收集在清洁的容器里以便回收或集中处理。

## 7. 操作处置与储存(HANDLING AND STORAGE)

操作处置/ Handling	This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data. It should always be handled in an efficient fume hood or equivalent system. The user should consider that the toxicological and physiological properties of many compounds are not yet well determined and that new hazardous products may arise from reactions between chemicals. Care should be taken to prevent any chemical from coming into contact with the skin or eyes and from contaminating personal clothing.
卫生处理/ Hygiene Practices	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling dust 操作立即彻底清洗, 不要接触到眼睛和皮肤, 避免吸入灰尘。
储存要求/ Storage requirements	Store in a cool, dry, well ventilated area away from sources of heat and incompatible substances. Keep container tightly closed when not in use 储存于干燥与阴凉的地方。远离热源和性质相反的物质。如果不经常使用请密封集装箱。。

## 8. 接触控制/个体防护(EXPOSURE CONTROLS/PERSONAL PROTECTION)

工程学控制/ Engineering controls	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. 使用适当的过程罩、抽气或其他工程控制以降低控制风险限额。
暴露限制/ Exposure limits	
名称/ Name: 2,6-二叔丁基对甲基苯酚 2,6-di-tert-butyl-4-methyl phenol	ACGIH-TWA 2.0 mg/m <sup>3</sup>
个体防护/ Personal protection	



呼吸器/ Respiratory	Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment. 避免吸入粉尘。在通风不畅的情况下请佩带相应的呼吸器。
手/ Hand	Wear suitable gloves. 佩戴相应的长手套。
眼/ Eye	Wear safety goggles. 佩戴防护眼罩。
皮肤和身体/ Skin and body	Wear suitable protective clothing. 穿戴相应的保护服装。

## 9. 物理和化学特性(PHYSICAL AND CHEMICAL PROPERTIES)

外观/ Appearance	White crystallize granule 白色结晶颗粒	颜色/ Colour	White 白色
气味/ Odor	None	沸点/ Boiling point	257-265℃
熔点/ Melting point ≥	67 ℃	闪点/ Flash point	127℃
易燃性/ Flammability	Solid:substance:not (in)flammable.	爆炸极限/ Explosion limits	not applicable 不能提供
爆炸性/ Explosive properties	Dust:dust-explosion hazard( 灰尘爆炸危险)	100 ℃ 下的 蒸发 压 强 Steam pressure at 100℃	267Pa
氧化性/ Oxidizing properties	not applicable 不适用	灰份最大值 Ashes % Max.	0.10
游离酚% Free phenol (p-cresol) %≤	0.02	颗粒强度 Strength of grain(N)	0.6-2.5
溶解性/ Solubility in water	0.4mg/L 20℃ (68°F)	在其它溶剂中的溶解性 Solubility in other solvents	Benzene,toluene,alcohol, ketone,carbon tetrachloride , ethylacetate and petrol 苯, 甲苯, 醇, 酮, 四氯化碳, 醋酸乙酯和汽油
PH 值/ pH value	not applicable 不能提供	分解系数/ Partition coefficient	not applicable 不能提供
n-octanol/water	not applicable 不能提供	加热减量 Heating Loss % Max	not applicable 不能提供
Assay content%≥ 纯度 % ≥	95%		

## 10. 稳定性和反应性(STABILITY AND REACTIVITY)

稳定性/ Stability	Stable under recommended storage and handling conditions (see section 7). 推荐的稳定储存和搬运条件 (请参照第 7 部分)
应避免的情况/ Conditions to avoid	High temperatures, flames and sparks. 高温, 火焰和火源。



应避免的物质/ Materials to avoid

Oxidizing agents, halogens, alkali metals..

腐烂分解毒害性产品/

氧化剂，卤素和碱金属。

Hazardous decomposition products

Thermal decomposition products: carbon monoxide (CO),.

热分解产品：一氧化碳。

## 11. 毒理学资料(TOXICOLOGICAL INFORMATION)

名称/ Name

2,6-二叔丁基对甲基苯酚

2,6-di-tert-butyl-4-methyl phenol

敏感性毒害/ Acute toxicity

口头的/ Oral LD50

老鼠/ rat: 890 mg/kg.

皮肤的/ Dermal LD50

Oral - mouse LD50: 650 mg/kg

易愤怒/ Irritation

皮肤/ Skin

Slightly irritating to skin but not sufficient for classification.

对皮肤有轻微刺激但未达到分级阶段。

眼睛/ Eye

Moderate irritation.

对眼有中等刺激。

## 12. 生态学资料(ECOLOGICAL INFORMATION)

名称/ Name

2,6-二叔丁基对甲基苯酚

2,6-di-tert-butyl-4-methyl phenol

生态学/ Ecotoxicity

鱼/ fish

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水蚤/ daphnia

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藻类/ algae

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Fate

初级生物/ Degradation

Biotic

不能被轻易分解/ Not readily biodegradable.

## 13. 废弃处理(DISPOSAL CONSIDERATIONS)

产品/ Product

Avoid discharge into the environment.

Small quantities: According to local regulations.

Large quantities: Consult Meyors Chemical for special advice.

避免流入环境。

小量：根据当地规定。

大量：请联系美尔化工获取建议。

包装污染/ Contaminated packaging

According to local regulations.

根据当地规定。



其他信息/ Other information

Waste code number: Please refer to your specific industry in  
the European Waste Catalogue.

消耗物代码: 请联系欧洲在消耗物领域的特殊工业。

#### 14. 运输信息(TRANSPORT INFORMATION)

**Un-No:3077**

**UN proper shipping name**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,6-di-tert-Butyl-p-cresol)

**Transport hazard class(es)**



**Class:9** Miscellaneous dangerous substances and articles

**Packing group:III**

**Environmental hazard:**Marine pollutant

**Transport in bulk:**

**Special precautions for user:**

#### 15. 法规信息(REGULATORY INFORMATION)

**United States (USA)**

**SARA Section 311/312 (Specific toxic chemical listings):**

None of the ingredients is listed

**SARA Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed

**RCRA (hazardous waste code):**

None of the ingredients is listed

**TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):**

None of the ingredients is listed

**Proposition 65 (California):**

**Chemicals known to cause cancer:**

None of the ingredients is listed

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed

**Canada**

**Canadian Domestic Substances List (DSL):**

All ingredients are listed.





**Canadian NPRI Ingredient Disclosure list (limit 0.1%):**

None of the ingredients is listed

**Canadian NPRI Ingredient Disclosure list (limit 1%):**

None of the ingredients is listed

**16. 其他信息 (OTHER INFORMATION)**

**This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.**

这些信息仅仅涉及以上提到的产品，如果用于其他产品或其他过程，本公司不付任何法律责任。这些信息是我们当前最新最好的资料编写而成，值得信任，但我们不能绝对保证没有错误。它仅仅起到提醒使用者自己使这些信息指导相关产品用于适当的地方。