



**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date: 30.11.2010

Revision: 30.11.2010

**1 Identification of the substance/preparation and of the company/undertaking**

Product name: **2,6-Di-tert. butyl-4-methoxyphenol**  
Application of the substance/the preparation: Chemical intermediate; chemical speciality  
Manufacturer/Supplier: VUP, a.s.  
Nábrežná 4  
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**2 Hazards identification****Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2  
Eye Irrit. 2  
STOT Single Exp. 3

**Label elements****Warning****Hazard statements:**

H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.

**Precautionary statements:**

P261: Avoid breathing dust  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with soap and water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

**Classification and labelling according to Directive 67/548/EEC****Hazard description:****Xi Irritant****Risk Phrases:**

R 36/37/38 Irritating to eyes, respiratory system and skin.

**Safety Phrases:**

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 37/39 Wear suitable gloves and eye/face protection.

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### 3 Composition/information on ingredients

Synonyms: 2,6-Bis(1,1-dimethylethyl)-4-methoxyphenol; 3,5-Di-tert-butyl-4-hydroxyanisole  
Molecular Formula: C<sub>15</sub>H<sub>24</sub>O<sub>2</sub>  
Molecular Weight: 236.35 g/mol

Name	CAS	EINECS	Classification	Concentration
2,6-Di-tert. butyl-4-methoxyphenol	489-01-0	207-693-0	Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H315; H319; H335; Xi, R36/37/38	97 %

For the full text of the H-Statements mentioned in this Section, see Section 2.

### 4 First aid measures

**After eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

**After skin contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**After ingestion:** Do not induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**After inhalation:** Remove from exposure and move to fresh air immediately.

### 5 Fire-fighting measures

**General information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing media:**

Use agent most appropriate to extinguish fire.

### 6 Accidental release measures

**General information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

### 7 Handling and storage

**Handling:**

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

**Storage:**

Store in a cool, dry place. Keep container closed when not in use.

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Product name: **2,6-Di-tert. butyl-4-methoxyphenol**

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### 8 Exposure controls/personal protection

**Engineering Controls:**

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

**Personal protective equipment**

**Eyes:**

Wear safety glasses and chemical goggles if splashing is possible.

**Skin:**

Wear appropriate protective gloves and clothing to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to minimize contact with skin.

**Respirators:**

Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

### 9 Physical and chemical properties

**Appearance**

Physical State:	Solid
Color:	White to beige
Odour:	Not available

**Safety data**

pH:	Not available
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	103 - 106 °C
Autoignition Temperature:	Not available
Flash Point:	Not available
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Practically insoluble in water

### 10 Stability and reactivity

**Chemical stability:**

Stable under normal temperatures and pressures.

**Conditions to avoid:**

Incompatible materials.

**Incompatibilities with other materials:**

Oxidizing agents, acid chlorides, acid anhydrides.

**Hazardous decomposition products:**

Irritating and toxic fumes and gases.

**Hazardous polymerization:**

Has not been reported.

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### 11 Toxicological information

**RTECS#:** SJ7785668

**LD50/LC50:**

Not available.

**Carcinogenicity:**

2,6-Di-tert.-butyl-4-methoxyphenol - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. See actual entry in RTECS for complete information.

### 12 Ecological information

Data not yet available.

### 13 Disposal considerations

Dispose of in a manner consistent with federal, state, and local regulations.

### 14 Transport information

**Land transport ADR/RID**

Not regulated as a hazardous material.

**Maritime transport IMDG**

Not regulated as a hazardous material.

**Air transport ICAO-TI and IATA-DGR**

Not regulated as a hazardous material.

### 15 Regulatory information

This safety datasheet complies with the requirements of Regulation No 1907/2006/EC, Regulation No 1272/2008/EC and Regulation No 453/2010.

### 16 Other information

This Safety Data Sheet is not a Product Specification. It is based on our present knowledge and experience and it is intended to serve as a guide for safe handling of the product regarding to health and environmental aspects.

**Abbreviations and acronyms:**

Skin Irrit.      Skin Irritation

Eye Irrit      Eye Irritation

STOT SE      specific target organ systemic toxicity following single exposure

RTECS:      Registry of Toxic Effects of Chemical Substances

ADR:      Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID:      Reglement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG:      International Maritime Code for Dangerous Goods

ICAO:      International Civil Aviation Organization

ICAO-TI:      Technical Instructions by the "International Civil Aviation Organization" (ICAO)

IATA:      International Air Transport Association

IATA-DGR:      Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

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LD<sub>50</sub>: Median lethal dose  
LC<sub>50</sub>: Lethal concentration, 50 percent)

**Classification according to Regulation (EC) No 1272/2008**

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**Hazard statements:**

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**Risk Phrases:**

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