

BUTYLATED HYDROXY TOLUENE (B.H.T.), FOOD GRADE

SECTION 1: PRODUCT IDENTIFICATION

Product Name: BUTYLATED HYDROXY TOLUENE (B.H.T.), FOOD GRADE
Product Code: 5007
CAS#: Not available
Synonym: Not Available
Chemical Name: Not available
Chemical Formula: Not available
Formula Weight: Not available

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Name: BUTYLATED HYDROXY TOLUENE, FOOD GRADE
Toxicological Data on Ingredients:
Classification according to Regulation (EC) No 1272/2008
Butylated hydroxytoluene: ORAL (LD50): Acute: 890 mg/kg [Rat]. 650 mg/kg [Mouse]. 10700 mg/kg [Guinea pig]

SECTION 3: HAZARDS IDENTIFICATION

Potential Acute Health Effects
Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation (lung irritant)
Potential Chronic Health Effects:
Carcinogenic effects: Not available
Mutagenic effects: Not available
Teratogenic effects: Not available
Developmental toxicity: Not available
Repeated or prolonged exposure is not known to aggravate medical condition

SECTION 4: FIRST AID MEASURES

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact: Wash off with soap and plenty of water.
In case of eye contact: Flush eyes with water as a precaution.
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water

SECTION 5: FIRE FIGHTING MEASURES

Flammability of the Product: May be combustible at high temperature
Auto-Ignition Temperature: Not Available
Flash Points: CLOSED CUP: 156°C (312.8°F)
Flammable Limits: Not Applicable
Products of Combustion: Not Applicable
Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of open flames and sparks, of heat, of reducing materials, of combustible materials.
Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available
Risks of explosion of the product in presence of static discharge: Not available
Risks of explosion of the product in presence of mechanical impact: Not Available
Risks of explosion of the product in presence of static discharge: Not available



Fire Fighting Media and Instructions:**Small fire:** Not Applicable**Large fire:** Not Applicable**Special Remarks on Fire Hazards:** Not Applicable**Special Remarks on Explosion Hazards:** Not available**SECTION 6: ACCIDENTAL RELEASE MEASURES****Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements**Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.**SECTION 7: HANDLING AND STORAGE****Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.**Personal Protection:** Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent**Personal Protection in Case of a Large Spill:** Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.**Exposure Limits:** Not Available**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical state and appearance	:	Solid
Odor	:	Not applicable
Taste	:	Not available
Color	:	Not available
Molecular Weight	:	Not available
PH	:	Not available
Boiling Point	:	265°C
Melting Point	:	70°C
Critical Temperature	:	Not available
Specific Gravity	:	Not available
Vapor Pressure	:	Not available
Vapor Density	:	Not available
Volatility	:	Not available
Odor Threshold	:	Not available
Water/Oil Dist. Coeff.	:	Not available
Ionicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available



SECTION 10: STABILITY AND REACTIVITY DATA

Stability: The product is stable
Instability Temperature: Not available
Conditions of Instability: Excess heat, incompatible materials, light, dust generation
Incompatibility with various substances: Reactive with oxidizing agents
Corrosivity: Not available
Special Remarks on Reactivity: Sensitive to light. Degrades after prolonged exposure to sunlight
Special Remarks on Corrosivity: Not available
Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin, Dermal contact, Inhalation, Ingestion
Toxicity to Animals:
LD₅₀: 1100 mg/kg [Mouse]
LC₅₀: Not available
Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified 2B (Possible for human.) by IARC. Classified 2 (Some evidence. Reasonable anticipated to be a human carcinogen) by NTP.
MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. May cause damage to the following organs: blood, liver,,upper respiratory tract, skin.
Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation (lung irritant). Slightly hazardous in case of ingestion..
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: May affect genetic material (mutagenic). May cause cancer based on animal test data. No human data found. May cause adverse reproductive effects and birth defects (teratogenic).
Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: Causes skin irritation. It may cause depigmentation. Eyes: Causes eye irritation. May cause chemical conjunctivitis. Inhalation: Causes severe respiratory tract irritation. Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation with nausea, vomiting, diarrhea. It may affect behavior/central nervous system (ataxia, altered sleep time), respiration (respiratory stimulation).
Chronic Potential Health Effects: Skin: Prolonged or repeated skin contact may cause allergic contact dermatitis. Ingestion: Prolonged or repeated ingestion may affect the blood (hemolysis with or without anemia), metabolism (weight loss), respiratory system, liver, thyroid, adrenal gland

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Not available
Persistence and degradability: Not available
Bio accumulative potential: Not available
Mobility in soil: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States).



Identification: Not applicable

Special Provisions for Transport: Not applicable

SECTION 15: REGULATORY INFORMATION

Federal and State Regulations: California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: BHA California prop. 65 (no significant risk level): BHA: 4 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: BHA Minnesota: BHA Massachusetts RTK: BHA Massachusetts spill list: BHA California Director's List of Hazardous Substances: BHA TSCA 8(b) inventory: BHA.

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC): R34/ R50

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: H

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment: Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements

Not Applicable

Other Special Considerations: Not available

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