



532 Point Lawrence Rd.
Olga, WA 98279
Tel: 360-376-8008

MSDS - BHT

1. Product and Company Identification

Product Name: BHT
Common Chemical Name: Butylated Hydroxy Toluene
Description/Use: Personal Care

Distributor: Lotioncrafter LLC
532 Point Lawrence Rd.
Olga, WA 98279

Emergency Telephone: Chemtrec (24 hours) 800-424-9300

2. Composition/Information on Ingredients

<u>CHEMICAL NAME</u>	<u>CAS No.</u>	<u>Percent</u>
2,6-Di-tert-butyl-p-cresol	128-37-0	100%

3. Hazards Identification

Most Important Hazards: Caution! May cause eye and skin irritation.
Avoid dispersion of dust in air to reduce potential for dust ignition/explosions

NFPA Classification: **Health: 1 Flammability: 3 Reactivity: 0**

4. First Aid Measures

Skin contact: Wash affected skin with soap and water. No harmful effects expected. Get medical advice if irritation develops.

Eye contact: Wash thoroughly with running water for at least 15 minutes. Get medical advice if irritation persists.

Inhalation: Remove to fresh air and get medical attention for any breathing difficulty.

Ingestion: Do not induce vomiting. Rinse mouth with water. Obtain medical advice.

5. Fire Fighting Measures

Flash Point: 130°C / 266°F

Autoignition Temperature: 878°F

Suitable Extinguishing Media: CO₂, dry powder, foam, water fog

Unsuitable: Water spray

Hazardous Combustion Products: Oxides of carbon

Protection of Firefighters: Body covering protective clothing, full "turn-out" gear.
Self-contained breathing apparatus.

6. Spill or Leak Procedures

Personal Precautions:	Wear suitable protective equipment., Do not breath dust., Eliminate sources of ignition., Avoid contact with skin and eyes.
Environmental Precautions:	Prevent from entering sewer system, surface water or soil.
Methods of Cleanup:	Avoid dispersion of dust. Sweep up and collect in a suitable container for disposal.

7. Handling and Storage

Handling:	Normal precautions common to good safety practice should be followed in handling., Use with adequate ventilation., Avoid breathing dust., Keep container tightly closed., Keep away from sources of ignition - No smoking.
Storage:	Keep container tightly closed in a cool, well-ventilated place., Protect from heat. In case of occurrence of dust, there is a risk of dust explosion.

8. Exposure Controls/Personal Protection

Airborne Exposure Limit:	2mg/m ₃ (TLV-TWA, ACGIH)
Ventilation:	General mechanical room ventilation is satisfactory for normal handling and storage operations.
Respiratory Protection:	Dust respirator, if dusting conditions exist.
Skin Protection:	Wear protective clothing, such as long sleeves to minimize skin contact.
Eye Protection:	Safety glasses with side shields.
Hand Protection:	Protective gloves

9. Physical and Chemical Properties

Physical State:	Crystalline solid
Color:	Slightly yellow
Odor:	Characteristic
Specific Gravity:	Not available
pH:	No information found
Solidification:	No information available
Boiling Point:	509°F
Melting Point:	156°F
Solubility in water:	Partially soluble
Solubility in organic solvents:	Soluble
Flash point:	266°F / 130°C (Closed cup)
Autoignition temperature:	878°F
Vapor pressure:	0.01 hPa

10. Stability and Reactivity

Stability:	Stable under ordinary conditions of use and storage.
Conditions to avoid:	Strong oxidizing agents.
Materials to avoid:	No information found.
Hazardous Decomposition Products:	Oxides of carbon.
Hazardous Polymerization:	Will not occur

11. Toxicological Information

SWALLOWING

Effects of repeated overexposure No evidence of adverse effects from available information.
Test results Acute toxicity: LD50 Rat Result: > 2,000 mg/kg

SKIN ABSORPTION

Test results Acute toxicity: LD50 – Rabbit Remark: No data available.

SKIN CONTACT

Test results Skin irritation: Species: Rabbit Result: Slight

EYE CONTACT

Test results Eye irritation: Species: Rabbit Result: Slight

SENSITIZATION

Test results: Species: - Human Result: Negative

Test results: Species: - Guinea pigs Result: No data available.

MUTAGENICITY

Assessment: Ames test Result: no mutagenic effect

DEVELOPMENT TOXICITY/TERATOGENICITY

Assessment: Negative

12. Ecological Information

Environmental Fate: No information found.
Environmental Toxicity: No information found.

13. Disposal Considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Not regulated

15. Regulatory Information

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355 (used for SARA 302 and 304).

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

