SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier

Product code: B1196
Product Name: BUTYLATED HYDROXYTOLUENE, GRANULAR, NF

Other means of identification

Synonyms:
- BHT
- p-Cresol, 2,6-di-tert-butyl-
- Butylated Hydroxytoluene
- Ionol
- 2,6-Di-tert-butyl-p-cresol
- 2,6-Bis(1,1-dimethylethyl)-4-methylphenol
- 2,6-Di-tert-butyl-1-hydroxy-4-methylbenzene
- 2,6-Di-tert-butyl-p-methylphenol
- 3,5-Di-tert-butyl-4-hydroxytoluene
- 4-Methyl-2,6-di-tert-butylphenol

CAS #: 128-37-0
RTECS #: GO7875000
CI#: Not available

Recommended use of the chemical and restrictions on use

Recommended use:
FOOD ADDITIVE; ANTIOXIDANT FOR SYNTHETIC RUBBERS, PLASTICS, SOAPS, ANIMAL & VEGETABLE OILS; ANTISKINNING AGENT IN PAINTS & INKS; IN CHEWING GUM BASE, PACKAGING MATERIALS, BUTTER, CANDY, PARAFFIN & MINERAL OILS; EMPLOYED TO RETARD OXIDATIVE DEGRADATION OF OILS & FATS IN VARIOUS COSMETICS & PHARMACEUTICALS.

Uses advised against
No information available

Supplier:
Spectrum Chemical Mfg. Corp
14422 South San Pedro St.
Gardena, CA  90248
(310) 516-8000

Order Online At: https://www.spectrumchemical.com

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)
Acute toxicity - Oral
Category 4
Skin corrosion/irritation
Category 2
Serious eye damage/eye irritation
Category 2A

Label elements

Warning

Hazard statements
Harmful if swallowed
Causes skin irritation
Causes serious eye irritation

Harms not otherwise classified (HNOC)
Not Applicable

Other hazards
Toxic to aquatic life with long lasting effects
Toxic to aquatic life

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>100</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures

General Advice:
National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.

Product code: B1196          Product name: BUTYLATED HYDROXYTOLUENE, GRANULAR, NF
Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention. If skin irritation persists, call a physician.

Eye Contact: Flush eyes with water for 15 minutes. Get medical attention.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Obtain medical attention.

**Most important symptoms and effects, both acute and delayed**

Symptoms
- Irritating to eyes and skin
- Vomiting
- Nausea
- May cause diarrhea
- Respiratory depression
- Central nervous system effects
- Tremors

**Indication of any immediate medical attention and special treatment needed**

Notes to Physician: Treat symptomatically.

**Protection of first-aiders**

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

---

**5. FIRE-FIGHTING MEASURES**

**Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical. Carbon dioxide (CO2). Water spray mist or foam.

**Unsuitable Extinguishing Media:** No information available.

**Specific hazards arising from the chemical**

**Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide.

**Specific hazards:** May be combustible at high temperatures.

**Special Protective Actions for Firefighters**

**Specific Methods:** No information available.

**Special Protective Equipment for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid dust formation. Remove all sources of ignition.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Prevent entry into waterways, sewers.

Methods and material for containment and cleaning up

Methods for containment: Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.

Methods for cleaning up: Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical Measures/Precautions: Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Keep away from incompatible materials.

Safe Handling Advice
Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Do not ingest. Do not breathe dust. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical Measures/Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

Incompatible Materials:
Oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure limits

United States

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>OSHA</th>
<th>NIOSH</th>
<th>ACGIH</th>
<th>AIHA WEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>None</td>
<td>10 mg/m³ TWA</td>
<td>2 mg/m³ TWA inhalable fraction and vapor</td>
<td>None</td>
</tr>
</tbody>
</table>

Canada

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Canada - Alberta</th>
<th>Canada - British Columbia</th>
<th>Canada - Ontario</th>
<th>Canada - Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>10 mg/m³ TWA</td>
<td>2 mg/m³ TWA aerosol, inhalable, and vapour</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Product code: B1196  
Product name: BUTYLATED HYDROXYTOLUENE, GRANULAR, NF
### Appropriate engineering controls

**Engineering measures to reduce exposure:**

Ensure adequate ventilation. 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.

### Individual protection measures, such as personal protective equipment

**Personal Protective Equipment**

**Eye protection:** Goggles

**Skin and body protection:** Long sleeved clothing, Chemical resistant apron, Gloves

**Respiratory protection:** Wear respirator with dust filter.

**Hygiene measures:** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Appearance:</th>
<th>Color:</th>
</tr>
</thead>
</table>

**Odor:** Slight. Phenolic. **Taste:** Tasteless. **Formula:** C15-H24-O

**Molecular/Formula weight (g/mole):** 220.36

**Odor threshold (ppm):**

**Flash Point Tested according to:**

- Closed cup
- Upper Explosion Limit (%): No information available
- Boiling point/range(°C/°F): 265 °C/509 °F
- Specific gravity: 1.03-1.048 @ 2- °C
- Evaporation rate: No information available
- Odor threshold (ppm):

**Product code:** B1196  **Product name:** BUTYLATED HYDROXYTOLUENE, GRANULAR, NF

**Autoignition Temperature (°C/°F):** 470 °C/878°F

**Melting point/range(°C/°F):** 70 °C/158 °F

**Bulk density:** No information available

**pH:** No information available

**Vapor density:** 7.6

**Vapor pressure @ 20°C (kPa):** No information available

**VOC content (g/L):** No information available

**Flashpoint (°C/°F):** 127 °C/260 °F
10. STABILITY AND REACTIVITY

Reactivity
Reactive with oxidizing agents

Chemical stability

Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

Conditions to avoid:

Incompatible Materials: Oxidizing agents

Hazardous decomposition products:
Carbon monoxide. Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:
Ingestion. Inhalation.

Acute Toxicity

Component Information

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>LD50/oral/rat</th>
<th>LD50/oral/mouse</th>
<th>LD50/dermal/rabbit</th>
<th>LC50/inhalation/rat</th>
<th>LC50/inhalation/mouse</th>
<th>Other LD50 or LC50 information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>890 mg/kg Oral LD50 Rat</td>
<td>650-1040 mg/kg</td>
<td>No information available</td>
<td>No information available</td>
<td>No information available</td>
<td>10700mg/kg oral LD50 Guinea pig</td>
</tr>
</tbody>
</table>

Miscibility: No information available

Solubility:
Insoluble in water
Freely soluble in Toluene
Soluble in Isopropanol
Soluble in Methanol
Soluble in Methyl Ethyl Ketone
Soluble in Acetone
Soluble in Benzene
Soluble in Petroleum Ether
Soluble in Ethanol

(n-octanol/water): No information available
Viscosity: No information available

Corrosivity: No information available

Special Remarks on Corrosivity: No information available
2100 mg/kg oral LD50 Rabbit

Product Information

LD50/oral/rat =
VALUE- Acute Tox Oral = 890 mg/kg

LD50/oral/mouse =
Value - Acute Tox Oral = 650-1040 mg/kg

LD50/dermal/rabbit
VALUE-Acute Tox Dermal = No information available

LD50/dermal/rat
VALUE -Acute Tox Dermal = .>2000 mg/kg

LC50/inhalation/rat
VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse
VALUE-Vapor = No information available
VALUE - Gas = No information available
VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: Causes skin irritation. Moderately irritating to the skin.

Eye Contact: Causes eye irritation. Moderately irritating to the eyes.

Inhalation May cause irritation of respiratory tract.

Ingestion Harmful if swallowed. May cause gastritis. Ingestion may cause nausea, vomiting. May cause hypermotility, diarrhea. May affect behavior/central nervous system (tremors, muscle twitching). May affect respiration (respiratory depression).

Aspiration hazard No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic Toxicity
Prolonged or repeated ingestion may affect the liver. Prolonged or repeated ingestion may affect the kidneys. Prolonged or repeated ingestion may affect the thyroid and result in thyroid hyperfunction. Prolonged or repeated ingestion may affect the adrenal gland. Prolonged or repeated ingestion may affect the blood (changes in red blood cell count). Prolonged or repeated ingestion may affect the blood (changes in serum composition). Prolonged or repeated ingestion may cause weight loss. Prolonged or repeated ingestion may affect the blood (changes in clotting factors). BHT is a rare skin sensitizer and may cause allergic contact dermatitis (contact urticaria) in very sensitive individuals.

Sensitization: No information available.

Mutagenic Effects: May affect genetic material
Mutations in microorganisms
Mutagenic effects in mammalian somatic cells

Product code: B1196  Product name: BUTYLATED HYDROXYTOLUENE, GRANULAR, NF
Experiments with animal lymphocytes have shown mutagenic effects.

Carcinogenic effects: Not considered carcinogenic.

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>IARC</th>
<th>ACGIH - Carcinogens</th>
<th>NTP</th>
<th>OSHA HCS - Carcinogens</th>
<th>Australia - Notifiable Carcinogenic Substances</th>
<th>Australia - Prohibited Carcinogenic Substances</th>
</tr>
</thead>
</table>

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Reproductive toxicity: No data is available.

Reproductive Effects: No information available.
Developmental Effects: May cause adverse developmental effects based on animal data. Butylated hydroxytoluene has adverse effects on development in experimental animals only at exposure levels well above typical human exposures.
Teratogenic Effects: No information available.

Specific Target Organ Toxicity

STOT - single exposure: No information available.
STOT - repeated exposure: No information available.
Target Organs: Liver, Skin, Eyes.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: Aquatic environment.

Butylated Hydroxytoluene - 128-37-0
Freshwater Algae Data: 6 mg/L EC50 Pseudokirchneriella subcapitata 72 h 0.42 mg/L EC50 Desmodesmus subspicatus 72 h
Freshwater Fish Species Data: 5 mg/L LC50 Oryzias latipes 48 h 1
Persistence and degradability: No information available.
Bioaccumulative potential: No information available.
Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues / unused products:

Product code: B1196

Product name: BUTYLATED HYDROXYTOLUENE, GRANULAR, NF
Waste must be disposed of in accordance with Federal, State and Local regulation.

**Contaminated packaging:**
Empty containers should be taken for local recycling, recovery or waste disposal

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

### 14. TRANSPORT INFORMATION

**DOT**
- UN-No: UN3077
- Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s. (butylated hydroxytoluene)
- Hazard Class: 9
- Subsidiary Class: No information available
- Packing group: III
- Emergency Response Guide Number: No information available
- Marine Pollutant: No data available
- DOT RQ (lbs): No information available
- Special Provisions: No information available
- Symbol(s): [DOT]: (G) - Identifies proper shipping names for which one or more technical names of the hazardous material must be entered in parentheses, in association with the basic description.
- Description: UN3077, Environmentally hazardous substance, solid, n.o.s., 9, PG III

**TDG (Canada)**
- UN-No: UN3077
- Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s. (butylated hydroxytoluene)
- Hazard Class: 9
- Subsidiary Risk: No information available
- Packing Group: III
- Marine Pollutant: Marine Pollutant
- Description: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, UN3077, PG III

**ADR**
- UN-No: UN3077
- (exception <5 liters for liquids and < 5 kilogram for solids - per single packagings or combination packagings per inner packaging)
- Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s. (butylated hydroxytoluene)
- Hazard Class: 9
- Packing Group: III
- Subsidiary Risk: No information available
- Description: UN3077 Environmentally hazardous substance, solid, n.o.s., 9, III

**IMO / IMDG**
- UN-No: UN3077
- Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s. (butylated hydroxytoluene)
- Hazard Class: 9
- Subsidiary Risk: No information available
- Packing Group: III
- Marine Pollutant: Marine Pollutant
- EMS: F-A

**RID**
- UN-No: UN3077

**Product code:** B1196  
**Product name:** BUTYLATED HYDROXYTOLUENE, GRANULAR, NF
Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s. (butylated hydroxytoluene)
Hazard Class: 9
Subsidiary Risk: No information available
Packing Group: III
Description: UN3077 Environmentally hazardous substance, solid, n.o.s.,9,III,RID

ICAO
UN-No: UN3077
Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s. (butylated hydroxytoluene)
Hazard Class: 9
Subsidiary Risk: No information available
Packing Group: III
Description: Environmentally hazardous substance, solid, n.o.s.,9,UN3077,PG III

IATA
UN-No: UN3077
Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s. (butylated hydroxytoluene)
Hazard Class: 9
Subsidiary Risk: No information available
Packing Group: III
ERG Code: 9L
Special Provisions: No information available
Description: UN3077, Environmentally hazardous substance, solid, n.o.s., 9, PG III

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>U.S. TSCA</th>
<th>KOREA KECL</th>
<th>Philippines (PICCS)</th>
<th>Japan ENCS</th>
<th>CHINA</th>
<th>Australia (AICS)</th>
<th>EINECS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>Present ACTIV E</td>
<td>Present KE-03079</td>
<td>Present (9)-1805,(5)-6 372,(3)-540</td>
<td>Present</td>
<td>Present</td>
<td>Present</td>
<td>Present 204-881-4</td>
</tr>
</tbody>
</table>

U.S. Regulations

Butylated Hydroxytoluene
Massachusetts RTK: Present
New Jersey RTK Hazardous Substance List: 0814
Pennsylvania RTK: Present
Minnesota - Hazardous Substance List: Present
California Directors List of Hazardous Substances: Present
FDA - Food Additives Generally Recognized as Safe (GRAS): 21 CFR 182.3173


Chemicals Known to the State of California to Cause Cancer:
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Chemicals Known to the State of California to Cause Reproductive Toxicity:
This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Carcinogen</th>
<th>Developmental Toxicity</th>
<th>Male Reproductive Toxicity</th>
<th>Female Reproductive Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>
**CERCLA/SARA**

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>CERCLA - Hazardous Substances and their Reportable Quantities</th>
<th>Section 302 Extremely Hazardous Substances and TPQs</th>
<th>Section 302 Extremely Hazardous Substances and RQs</th>
<th>Section 313 - Chemical Category</th>
<th>Section 313 - Reporting de minimis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**U.S. TSCA**

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)</th>
<th>TSCA 8(d) - Health and Safety Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**Canada**

**WHIMIS 2015 - GHS Classifications**

<table>
<thead>
<tr>
<th>Component</th>
<th>WHMIS 2015 Hazard Classification Information:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene 128-37-0 (100)</td>
<td>Combustible Dust - Category 1: May form combustible dust concentrations in air (factors such as combustibility and explosiveness of dusts including composition and shape and size of particles could cause substance to belong to ‘Combustible dust’ hazard class)</td>
</tr>
</tbody>
</table>

**Canada Hazardous Products Regulation**

This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

**WHIMIS 1988 Hazard Class**

D2B Toxic materials

**Canada Controlled Products Regulation:**

This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

<table>
<thead>
<tr>
<th>Components</th>
<th>WHMIS Ingredient Disclosure List -</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>1 %</td>
</tr>
</tbody>
</table>

**Inventory**

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Canada (DSL)</th>
<th>Canada (NDSL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>Present</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>CEPA Schedule I - Toxic Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

**EU Classification**

**EU GHS - SV - CLP 1272/2008**

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>EU GHS - SV - CLP (1272/2008)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butylated Hydroxytoluene</td>
<td>128-37-0</td>
<td>No information</td>
</tr>
</tbody>
</table>

**EU - CLP (1272/2008)**

**Product code:** B1196  **Product name:** BUTYLATED HYDROXYTOLUENE, GRANULAR, NF
R-phrase(s)
R22 - Harmful if swallowed.
R36/38 - Irritating to eyes and skin.

S-phrase(s)
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 - If swallowed, seek medical advice immediately and show this container or label.
S37/39 - Wear suitable gloves and eye/face protection.

Components | CAS-No. | Classification | Concentration Limits | Safety Phrases
--- | --- | --- | --- | ---
Butylated Hydroxytoluene | 128-37-0 | No information | |

The product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of danger:
Xn - Harmful.
Xi - Irritant.

16. OTHER INFORMATION

Preparation Date: 4/24/2014
Revision Date: 7/25/2018
Prepared by: Sonia Owen

Disclaimer: All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet

Product code: B1196 Product name: BUTYLATED HYDROXYTOLUENE, GRANULAR, NF