

## n-PROPYL GALLATE (Antioxidant & Preservative)

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** n-PROPYL GALLATE (Antioxidant & Preservative)

**Product Code:** 211

**CAS#:** 121-79-9

**Chemical Formula:** C<sub>10</sub>H<sub>12</sub>O<sub>5</sub>

**Molecular Formula:** 212.20

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**

**Name:** n-PROPYL GALLATE

**Chemical Formula:** C<sub>10</sub>H<sub>12</sub>O<sub>5</sub>

**Molecular Formula:** 212.20

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 : not a hazards substance or mixture.

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

not a hazards substance or mixture

### SECTION 4: FIRST AID MEASURES

**General advice:**

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled:** Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.

**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. Consult a physician.

**Most important symptoms and effects, both acute and delayed:** Not available

**Indication of immediate medical attention and special treatment needed:** Not available

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture** Not available

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers.



## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage, including any incompatibilities:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**Specific end use(s) A part from the uses:** no other specific uses are stipulated

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure controls

**Appropriate engineering controls:** Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

### Personal protective equipment

**Eye/face protection:** Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

**Respiratory protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	:	White colour powder with Creamish tinge
Odor	:	Not available
Color	:	Not available
Molecular Weight	:	Not available
pH	:	Not available
Boiling Point	:	Not available
Melting Point	:	146 – 149°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
Iconicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available

## SECTION 10: STABILITY AND REACTIVITY DATA

**Reactivity:** Not available

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** Not available

**Conditions to avoid:** Not available



**Incompatible materials:** Strong oxidizing agents

**Hazardous decomposition products other decomposition products:** Not available

### SECTION 11: TOXICOLOGICAL INFORMATION

**Information on toxicological effects:** Not available

**Inhalation:** Not available

**Dermal:** Not available

**Skin corrosion/irritation:** Not available

**Serious eye damage/eye irritation:** Not available

**Respiratory or skin sensitization:** Not available

**Carcinogenicity**

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity:** Not available

**Specific target organ toxicity:** Not available

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Not available

**Persistence and degradability:** Not available

**Bio accumulative potential:** Not available

**Mobility in soil:** Not available

**Results of PBT and vPvB assessment PBT/vPvB assessment:** Not available

**Other adverse effects:** 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

**UN number:**

**ADR/RID:** 3077

**IMDG:** 3077

**IATA:** 3077

**UN proper shipping name**

**ADR/RID:** Environmentally hazardous substance, solid, n.o.s. (propyl 3, 4, 5- trihydroxybenzoate)

**IMDG:** Environmentally hazardous substance, solid, n.o.s. (propyl 3, 4, 5- trihydroxybenzoate)

**IATA:** Environmentally hazardous substance, solid, n.o.s. (propyl 3, 4, 5- trihydroxybenzoate)

**Transport hazard class(s):**

**ADR/RID:** 9

**IMDG:** 9

**IATA:** 9

**Packaging group:**

**ADR/RID:** III

**IMDG:** III

**IATA:** III

**Environmental hazards:**

**ADR/RID:** yes

**IMDG:** yes

**IATA:** yes

### SECTION 15: REGULATORY INFORMATION

**Regulatory information:** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Safety, health and environmental regulations/legislation:** specific for the substance or mixture no data available

**Chemical Safety Assessment:** For this product a chemical safety assessment was not carried out



**SECTION 16: OTHER INFORMATION**

**References: Full text of H AND R-Statements:** Not available

**Other Special Considerations:** Not available.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.