

Technical Grade

BHT

TU 38.5901237-90 with amendments 4-7

EMPIRICAL FORMULA: C₁₅H₂₄O

CAS #128-37-0

CHEMICAL NAME: 4-methyl-2,6-di-tert-butyl phenol; hydroxy toluene (BHT); 2,6-di-tert-butyl-paracresol.

ANALOGUES: Ionol, Naugard BHT, Vanlube PCX, Antioxidant, Lowinox BHT.

It is an efficient stabilizer for wide range of polymeric materials, various rubbers. It is a heat stabilizer for polyolefines, polystyrene, thermoplastic glue and coatings, it protects lubrication oils, petrol, different types of fuel from oxidation. It is nontoxic and allowed for use in articles contacting with foodstuffs and biological organisms. It is water-insoluble. Soluble in oils, toluene, acetone, partly in ethanol, chlororganic solvents.

QUALITY PARAMETERS:	
Characteristics	Standard
	Mark A
Appearance	white Flakes
Main substance content, Wt. %, min	99,7
Alkyl phenols content, Wt. %, max	0,3
Water content, Wt. %	absence
Phenol content, Wt. %	absence
Melting point (end), °C, min	69,8
Difference between initial and end melting points, °C, max	0,4
Crystallization temperature, °C, min	69
Ash content, Wt. %, max	0,008
APHA color, units of color, max	25

SAFETY REGULATIONS:

Belongs to low hazardous materials (4th Class of Hazard)

PACKING, TRANSPORTATION AND STORAGE:

Packed in multi-layer paper bags of 25 kg, put in pallets with indication of manipulating signs "avoid moisture", "avoid sunlight".

Transported by any type of transport.

Store in closed warehouse at a max temperature 40° C, avoid direct sunlight.

Guaranteed shelf life - mark A - 1 year, mark B - 5 years from date of production.

AGIDOL

FEED GRADE (BHT)

TU 2492-424-05742686-97

with amendments 1-3

EMPIRICAL FORMULA: C₁₅H₂₄O

CAS #128-37-0

CHEMICAL NAME: Butylhydroxytoluene (BHT); 4-methyl-2,6-di-tert-butyl-phenol;

2,6-di-tert-butyl-para-cresol

ANALOGUE: Ionol.

It is a mixture of Agidol-1 technical and a filler (white soot) which is water-insoluble. It is soluble in oils, vegetable and animal fats. Partly in alcohol. It is used as a stabilizer for various animal technical and food fats, oils, fish, bone and green meals to prevent oxidation processes, to preserve carotene and vitamins.

Certificate on state registration of feed additive for animals and Conformance Certificate are available.

QUALITY PARAMETERS:	
Characteristics	Standard
	Appearance*
Crystallization point, °C, min	68,2
4-methyl 2,6-di-tert-butyl-phenol content (Agidol-1), Wt. %, min	97,7-98,2
Other Alkylphenols (except Agidol-1), in the sum of tert-butylphenols, %, max	0,3
Phenol, Wt. %	absence
Ash, Wt. %, within the range of	1,5-2,0

*While storing for more than three months color of the product may change into light yellow.

SAFETY REGULATIONS:

Belongs to low hazardous materials (4th Class of Hazard)

PACKING, TRANSPORTATION AND STORAGE:

Multi-layer paper bags of 20 kg in pallets of 1020 kg.

Transported in closed transportation means.

Store in closed warehouses in pallets at a minimum distance from heating devices 1 m at a temperature 30°C to 40°C. Not allowed to store in warehouses with earthen floor and open area.

Guaranteed shelf life - 1 year from date of production.