

Version 6.1N

Page 1 / 7

Revision Date 01/04/2021

SECTION 1: Identification of the substance/mixture and of the company

Product Code: PowerSorb™ 2908
Product name: n-Hexadecyl-3,5-di-tert-butyl-4-hydroxybenzoate
Manufacturer: Tintoll Performance Materials Co.,Ltd.
Post Address: A703,No.50 Jialingjiang East St,Nanjing,China
 Email: SDS@TinToll.com
Emergency Telephone Number: +86-25-8468-0091
Use of Substance: For Industrial Use

SECTION 2: Hazardous identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

No data available

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

No data available

Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]



Pictogram

R-PHRASES

R22

Harmful if swallowed.

36/37/38

Irritating to eyes, respiratory system and skin

S-PHRASES

26-36

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

Other hazards

None

SECTION 3: Composition/information on ingredients

Substances

Molecular Formula :

C₃₁H₅₄O₃

Molecular Weight :

447.57 g/mol

Component

Concentration

n-Hexadecyl-3,5-di-tert-butyl-

98%(other impurities&unreacted component

Version 6.1N

Page 2 / 7

Revision Date 01.04.2021

4-hydroxybenzoate (2%)

CAS-No. 67845-93-6

EC-No. 267-342-2

SECTION 4: First aid measures**Description of first aid measures****General advice**

No data available.

If inhaled

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

In case of skin contact

In case of contact, immediately wash skin with soap and copious amounts of water.

In case of eye contact

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

If ingestion

If swallowed, wash out mouth with water provided person is Conscious. Call a physician.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed.

No data available.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam

Special hazards arising from the substance or mixture

No data available.

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

No data available

SECTION 6: Accidental release measures

Version 6.1N

Page 3 / 7

Revision Date 01 04,2021

Personal precautions, protective equipment and emergency procedures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

Environmental precautions

No data available

Methods and materials for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Reference to other sections

No data available.

SECTION 7: Handling and storage

Precautions for safe handling

Directions for Safe Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Conditions for safe storage, including any incompatibilities

Conditions of Storage: Keep tightly closed. Store in a cool dry place.

Specific end uses

No data available

SECTION 8: Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Exposure controls

Appropriate engineering controls

Safety shower and eye bath. Mechanical exhaust required

Personal protective equipment

Eye/face protection

Safety goggles.

Hand protection

Compatible chemical-resistant gloves.

Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) Or CEN (EU). Where risk assessment shows air-purifying

Version 6.1N	Page 4 / 7	Revision Date 01 04,2021
--------------	------------	--------------------------

respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.

Control of environmental exposure

No data available.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Form: White powder
Odour	no data available
Odour Threshold	no data available
pH (5% solution in water)	no data available
Melting point/freezing range	55 - 65 °C
Initial boiling point and boiling range	no data available
Flash point	229 °C
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	4.7 E-6 Pa
Vapour density	no data available
Relative density	no data available
Water solubility	no data available
Partition coefficient: noctanol/	
Water solubility	>100 g/ml
Partition coefficient: n-octanol/water	no data available
Auto ignition Temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

Other safety information

SMILES O= C(OCCCCCCCCCCCCCCC)C1=CC (C(C)(C)C)=C(O)C(C(C)(C)C)=C1.

Inch-I 1/C31 H5403/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-34-29(33)25-23-26(30(2,3)4)28(32)27(24-25)31(5,6)7/h 23-24.32H.8-22H2.1-7H3.



Version 6.1N

Page 5 / 7

Revision Date 01 04,2021

SECTION 10: Stability And Reactivity

Reactivity

No data available

Chemical stability

No data available

Possibility of hazardous reactions

No data available

Conditions to avoid

No data available

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

IARC: no data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Signs and symptoms of exposure

Version 6.1N

Page 6 / 7

Revision Date 01.04.2021

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Route of exposure

Inhalation: Material is irritating to mucous membranes and upper respiratory tract,

Multiple Routes: Causes eye and skin irritation. May be harmful by inhalation, ingestion, or skin absorption.

Aspiration hazard

No data available

Additional Information

RTECS: No data available.

SECTION 12: Ecological Effects**Toxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

Other adverse effects

No data available

SECTION 13: Disposal considerations**Waste treatment methods****Product**

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport Information

Version 6.1N	Page 7 / 7	Revision Date 01 04,2021
--------------	------------	--------------------------

UN number

ADR/RID: - MDG: - IATA: -

UN proper shipping name

ADR/RID: Non-hazardous

IMDG: Non-hazardous

IATA: Non-hazardous

Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

Packaging group

ADR/RID: - IMDG: - IATA: -

Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

Special precautions for user

No data available

SECTION 15:Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008 [EU-GHS/CLP].

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

Any other precaution

The information herein is made based on references, information and data available at present. It maybe revised when new information is available.The descriptions herein are for normal handling. For special application , make safety provisions suitable to them prior to use.