



Synchemer Co., Limited

Your professional chemicals supplier and formulation designer

Add: Room 1423, 14th Floor
Baiyun GreenLand Center,
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Email: info@synchemer.com

Material Safety Data Sheet

Synox-1010 / Synox-1010G

Section 1. Chemical Product and Company Identification

Trade Name: Synox-1010 / Synox-1010G

Supplier information:

Synchemer Co., Limited
RM1423, 14FL, Baiyun GreenLand Center
888 Yuncheng West Rd., Guangzhou,
China. 510420
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Email: info@synchemer.com
Emergency Phone no.: +86-20-36685350

Section 2. Composition and Information on Ingredients

Chemical Name:

Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)

CAS No.: 6683-19-8

EC No.: 229-722-6

Content, by weight %: 98.0%min.

Toxicological Data on Ingredients: Not Applicable

Section 3. Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

Label elements

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

No labelling applicable



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Other hazards

Other hazards not contributing to the classification

Exposure may produce an allergic reaction.

Section 4. First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

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

Serious Inhalation: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5. Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...).

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Material in powder form, capable of creating a dust explosion. As with most organic solids, fire is possible at elevated temperatures
Special Remarks on Explosion Hazards: Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion



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hazard.

Section 6. Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7. Handling and Storage

Precautions: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls: 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.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case: of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9. Physical and Chemical Properties

Physical state and appearance: Solid. (Powder / granule / solid.)

Odor: Not available.

Taste: Not available.

Color: white

Molecular Weight: 1177.6g/mole



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pH (1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: 110°C - 125°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.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Not available.

Section 10. Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials, dust generation.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: will not occur.

Section 11. Toxicological Information

Acute toxicity : Not classified

PLASTIC ADDITIVE 09 CRS(6683-19-8)

LD50 oral rat > 2000 mg/kg

LD50 dermal rabbit > 2000 mg/kg

LC50 inhalation rat (mg/l) > 2000 mg/kg

Skin corrosion/irritation : Not classified

pH: 5,89 (1%)

Serious eye damage/irritation : Not classified

pH: 5,89 (1%)

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified



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Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified
Potential Adverse human health effects and symptoms
To our knowledge, the product does not present any particular risk, under normal conditions of use. Large amounts: Not applicable.

Section 12. Ecological Information

Toxicity

Ecology - general: Small amounts: Presents no specific risk for the environment. Large amounts: Not applicable.

PLASTIC ADDITIVE 09 CRS(6683-19-8)

LC50 fishes 1 > 100 mg/l LC50-96 Hour - fish

Persistence and degradability

PLASTIC ADDITIVE 09 CRS(6683-19-8)

Biodegradation 5

Bioaccumulative potential

PLASTIC ADDITIVE 09 CRS(6683-19-8)

Log Pow 23 at 20°C

Bioaccumulative potential Weak.

Mobility in soil

No additional information available

Results of PBT and vPvB assessment

No additional information available

Other adverse effects

No additional information available

Section 13. Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.



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Section 14. Transport Information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

UN number

No dangerous good in sense of transport regulations

UN proper shipping name

Not applicable

Transport hazard class(es)

Not applicable

Packing group

Not applicable

Environmental hazards

Other information: No supplementary information available.

Special precautions for user

Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Section 15. Other Regulatory Information and Pictograms

Federal and State Regulations: TSCA 8(b) inventory: Pentaerythritol tetrakis(3,5-di-tert-butyl-4-hydroxyhydrocinnamate

California Proposition 65 Warnings

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under



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the statute: No products were found.

California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

Other Regulations:

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS No.: 229-722-6).

Canada: Listed on Canadian Domestic Substance List (DSL).

China: Listed on National Inventory.

Japan: Listed on National Inventory (ENCS).

Korea: Listed on National Inventory (KECI).

Philippines: Listed on National Inventory (PICCS).

Australia: Listed on AICS.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

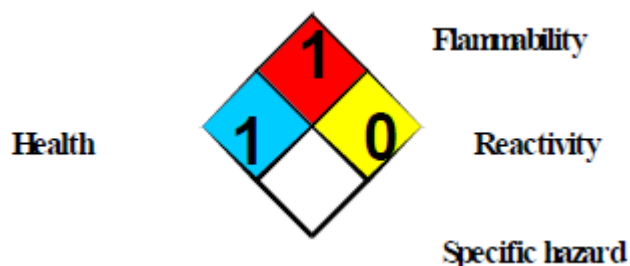
DSCL (EEC): This product is not classified according to the EU regulations.

Not applicable.

HMIS (U.S.A.):

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	E

National Fire Protection Association (U.S.A.)



WHMIS (Canada) (Pictograms):



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DSCL (Europe) (Pictograms):



TDG (Canada) (Pictograms):



ADR (Europe)(Pictograms):



Protective Equipment:



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Gloves.



Lab coat.



Dust respirator. Be sure to use an approved/certified respirator or equivalent.



Safety glasses.

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations

No REACH Annex XVII restrictions

National regulations

No additional information available

Chemical safety assessment

No additional information available

Section 16. Other Information:

Disclaimer: The information and recommendations contained herein are based upon data believed to be correct. However, NO guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

Validated by Huihong, Liu: 2015-04-17

Verified by Minqing, Liu

Printed: 2015-04-17