

GHS Safety Data Sheet

SDS No. : YYR02PAEG

Date Issued: 2018/07/10

Section 1. Identification of the substance or mixture and of the supplier

1.1 Product Information

Product name: Y(C₁₁H₁₉O₂)₃ **Tris(dipivaloylmethanato) yttrium**

Product number:	Purity	Form	Size or Shape
YYR06GB	—	solid	—

1.2 Company Information:

Manufacturer : Kojundo Chemical Laboratory Co., Ltd
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Section 2. Hazards identification

GHS Classification

Health Hazards	Environmental Hazards	Physical Hazards
Skin corrosion/ irritation: Category 2 Serious eye damage/eye irritation : Category 2 Specific target organ toxicity, single exposure: Category 3	No data available	Substances and mixtures which, in contact with water, emit flammable gases : Not classified Oxidizing solids : Not classified

GHS Label : W



Pictograms or symbols

Warning word: WARNING

Hazard information	Description of precaution
Causes skin irritation Causes serious eye irritation. May cause respiratory irritation	Wear protective gloves/protective clothing/eye protection /respiratory protection/face protection during handling. Avoid breathing dust/mist/gas/fume/vapours/spray. Do not eat, drink or smoke when using this product, and wash hands thoroughly after handling. Take off the contaminated clothing and wash before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Remove immediately all contaminated clothing and rinse skin with water/shower. Then wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. Protect from sunlight. Store in a cool, dry and well ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/ container in accordance with local/national regulations.

Additional hazard information : With respect to additional hazard information, see Section 11.

Section 3. Composition / information on ingredients

Chemical or common name:	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)yttrium
Synonyms:	Tris(dipivaloylmethanato) yttrium
Chemical formula:	Y(C ₁₁ H ₁₉ O ₂) ₃ , Y[(CH ₃) ₃ CCOCHCOC(CH ₃) ₃] ₃
Single Substance or Compound:	Single substance
Composition:	100%
CAS #:	15632-39-0
RTECS#:	not listed
TSCA inventory:	not listed
EINECS:	not listed

Section 4. First aid measures

Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
Skin contact:	Promptly flush contaminated skin with soap or mild detergent and water. Contact physician if irritation continues.
Inhalation:	Remove the exposed person immediately and provide fresh air. Get medical attention.
Ingestion:	Rinse mouth and throat with water. Get medical attention immediately.

Section 5. Fire fighting measures

Extinguishing agents:	Carbon dioxide, Dry chemical powder, water foam, dry sand. DO NOT use a direct water stream.
Fire fighting:	Flammable material. Burning material releases toxic organic fumes. Self-contained breathing apparatus and full protective clothing should be used, if the material is involved in fire. Remove containers to safe place if possible. Use water spray to Cool down nearby structures and containers.

Section 6. Accidental release measures

Personal Precautions:	Workers should use protective wears to prevent contact with the spilt adhesive and inhalation of its dust/ fume.
Environmental hazard precautions:	Shut off leak if without risk. Prevent flow out to river, etc. so as not to badly affect.
Method for containment and cleaning up:	Avoid unnecessary contacts with spills. Indoor leakage: Ventilate as much as possible until the cleaning is completed. Outdoor leakage: Work from the windward and evacuate the leeward crowd. Absorb or cover with vermiculite or other suitable absorbent, and dispose of DOT-approved waste containers as much as possible. Carefully collect remnant and move to a safe place.

Section 7. Handling and storage

Precautions to be taken in handling:

Safe handling: Use protective wears and local ventilation equipment, if inhalation or skin contact is foreseen.
Keep away from heat, sparks and naked flame.
Electrically ground all equipment when handling this material and use only non-sparking tools.

Precautions to be taken in storage:

General precautions: Store in a cool, dry place away from incompatible materials.
Keep container or bottle tightly closed.

Section 8. Exposure controls / personal protection

Exposure guideline:

Chemical Name	ACGIH(2013) TLV-TWA mg/m ³	OSHA(2006) PEL-TWA mg/m ³
Yttrium compounds (as Y)	1	—

Facility measures: Local ventilation of closed work room or total proper ventilation to prevent inhalation.

Protective ware: Wear appropriate NIOSH/MSHA-approved respirator, safety goggles, face shields, protective gloves

Section 9. Physical and chemical properties

Color and Form: White solid
Chemical formula: Y(C₁₁H₁₉O₂)₃, Y[(CH₃)₃CCOCHCOC(CH₃)₃]₃
Formula weight: 638.7
Melting point: 170 °C
Boiling point: 145 °C / 13.3 Pa
Density: No data available
Water solubility: Insoluble
Flammable: Flammable
Oxidation: None

Section 10. Stability and reactivity

Stability: Stable in closed container under room temperature.

Reactivity

Incompatibility: Strong oxidizing agents

Section 11. Toxicological information

Acute toxicity : GHS : No data available
Skin corrosive / irritation: GHS : Category 2 ; Causes skin irritation
Serious eyes damage / eye irritation: GHS : Category 2 ; Causes serious eye irritation
Respiratory sensitization: GHS : No data available
Skin sensitization: GHS : No data available
Germ cell mutagenicity: GHS : No data available
Carcinogenicity: GHS : No data available
Reproductive toxicity: GHS : No data available

Specific target organ toxicity —single exposure:	GHS : Category 3 ; May cause respiratory irritation
Specific target organ toxicity —repeated exposure:	GHS : No data available
Aspiration hazard:	GHS : No data available

Section 12. Ecological information

Ecotoxicity:

Hazards to the aquatic environment

—acute toxicity: GHS : No data available

—chronic toxicity: GHS : No data available

Hazardous the ozone layer: GHS : No data available
No Freon or Halon

Fish toxicity: No data available

Degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Section 13. Disposal considerations

Disposal method: User of the product should contract with the local government or licensed 'Industrial Waste Haulers' for disposal of waste.

Section 14. Transport information

UN classification: Not hazardous

UN number: None

HS code: 2914.19

Marine pollution: None

Precautions: Container should be transported in a secure position, in a well-ventilated vehicle.

Section 15. Regulatory information

TSCA inventory : not listed.

Please refer to any other local / national measures that may be relevant.

Section 16. Other information

The information described above is believed to be correct. However, Kojundo Chemical Lab. makes no representation, warranty nor guarantee of any kind with respect to the information on this data sheet or any use of the product based upon this information.