

**MATERIAL SAFETY DATA SHEET (MSDS)**
**THYMOL VIOLET (INDICATOR)**
**1. Identification**

1.1 GHS Product identifier

**Product name** [4-[bis(2-hydroxy-3-methyl-6-propan-2-ylphenyl)methylidene]cyclohexa-2,5-dien-1-ylidene]-dimethylazanum,hydrogen sulfate

Cas NO: 7512-38-1

Product Coad: T0206400100

**2. Hazard identification**

2.1 Classification of the substance or mixture

Skin irritation, Category 2

Eye irritation, Category 2

Specific target organ toxicity – single exposure, Category 3

2.2 GHS label elements, including precautionary statements

**Pictogram(s)**
**Signal word**

Warning

**Hazard statement(s)**

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

**Precautionary statement(s)**
**Prevention**

P264 Wash ... thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P302+P352 IF ON SKIN: Wash with plenty of water/...

**Response**

P321 Specific treatment (see ... on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor/...if you feel unwell.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

**Storage**

P405 Store locked up.

P501 Dispose of contents/container to ...

**Disposal**

2.3 Other hazards which do not result in classification

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none

**3.Composition/information on ingredients**

## 3.1 Substances

Chemical name	Common names and synonyms	CAS number	EC number	Concentration
[4-[bis(2-hydroxy-3-methyl-6-propan-2-ylphenyl)methylidene]cyclohexa-2,5-dien-1-ylidene]-dimethylazanium,hydrogen sulfate	[4-[bis(2-hydroxy-3-methyl-6-propan-2-ylphenyl)methylidene]cyclohexa-2,5-dien-1-ylidene]-dimethylazanium,hydrogen sulfate	7512-38-1	none	100%

**4.First-aid measures**

## 4.1 Description of necessary first-aid measures

## General advice

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

## If inhaled

If breathed in, 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

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

## If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## 4.2 Most important symptoms/effects, acute and delayed

no data available

## 4.3 Indication of immediate medical attention and special treatment needed, if necessary

no data available

**5.Fire-fighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

## 5.2 Specific hazards arising from the chemical

no data available

## 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

**MATERIAL SAFETY DATA SHEET (MSDS)****THYMOL VIOLET (INDICATOR)****6.Accidental release measures****6.1Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

**6.2Environmental precautions**

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

**6.3Methods and materials for containment and cleaning up**

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**7.Handling and storage****7.1Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

**7.2Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**8.Exposure controls/personal protection****8.1Control parameters**

Occupational Exposure limit values

no data available

Biological limit values

no data available

**8.2Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**8.3Individual protection measures, such as personal protective equipment (PPE)**

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

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. 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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

Wear dust mask when handling large quantities.

Thermal hazards

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no data available

**9.Physical and chemical properties**

Physical state	no data available
Colour	no data available
Odour	no data available
Melting point/ freezing point	250-253°C (dec)
Boiling point or initial boiling point and boiling range	no data available
Flammability	no data available
Lower and upper explosion limit / flammability limit	no data available
Flash point	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity	no data available
Solubility	no data available
Partition coefficient n-octanol/water (log value)	no data available
Vapour pressure	no data available
Density and/or relative density	no data available
Relative vapour density	no data available
Particle characteristics	no data available

**10.Stability and reactivity.**

10.1Reactivity no data available

10.2Chemical stability

Stable under recommended storage conditions.

10.3Possibility of hazardous reactions no data available

10.4Conditions to avoid no data available

10.5Incompatible materials no data available

10.6Hazardous decomposition products no data available

**11.Toxicological information**

Acute toxicity

Oral: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation no data available

Serious eye damage/irritation no data available

Respiratory or skin sensitization no data available

Germ cell mutagenicity no data available

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Carcinogenicity no data available

Reproductive toxicity no data available

STOT-single exposure no data available

STOT-repeated exposure no data available

Aspiration hazard no data available

**12.Ecological information****12.1Toxicity**

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available

Toxicity to microorganisms: no data available

12.2Persistence and degradability no data available

12.3Bioaccumulative potential no data available

12.4Mobility in soil no data available

12.5Other adverse effects no data available

**13.Disposal considerations****13.1Disposal methods**

Product The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

**14.Transport information**

Not Regulated

**15.Regulatory information**

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### THYMOL VIOLET (INDICATOR)

15.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC number
[4-[bis(2-hydroxy-3-methyl-6-propan-2-ylphenyl)methylidene]cyclohexa-2,5-dien-1-ylidene]-dimethylazanium,hydrogen sulfate	[4-[bis(2-hydroxy-3-methyl-6-propan-2-ylphenyl)methylidene]cyclohexa-2,5-dien-1-ylidene]-dimethylazanium,hydrogen sulfate	7512-38-1	none
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
EC Inventory			Not Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Not Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Not Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Not Listed.
Vietnam National Chemical Inventory			Not Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Not Listed.

#### 16. Other Information

**Product Use:** Laboratory Reagent.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

**End of document**