

Version 6.4R

Page 1 / 8

Revision Date 30.05.2023

SECTION 1: Identification of the substance/mixture and of the company**Product Identifier**

Product Name: PowerCure™ 150

Chemical Name:

2-hydroxy-1-(3-[4(2-hydroxy-2-methyl-propionyl)-phenyl]-1,1,3-trimethyl-indan-5-yl)-2-methyl-propan-1-one

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For Industrial Use

Details of the supplier of the safety data sheet**Company**

TinToll Performance Materials Co., Ltd.

4F, Building 01, Xincheng Technology Park, No. 69

Olympic Avenue, Nanjing, China

Email: SDS@Tintoll.com

Emergency Telephone Number: +86-25-8468-0091**SECTION 2: Hazardous identification****GHS Classification**

Health Hazards: Reproductive Toxicity Category 2

Specific target organ toxicity -Repeated Category 1

Environmental hazards: Aquatic chronic Category 1

GHS Label elements, including precautionary statements

Pictogram

Signal Word

Danger

Hazard statement(s)

Suspected of damaging fertility or the unborn child.

Causes damage to organs through prolonged or repeated exposure.

May cause long lasting harmful effects to aquatic life.

Precautionary statement(s)

Prevention

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/ protective clothing/ eye protection/ face protection / hearing protection.

Obtain, read and follow all safety instructions before use.

Version 6.4R	Page 2 / 8	Revision Date 30.05.2023
--------------	------------	--------------------------

Avoid release to the environment.

Response

P308 + P313

IF exposed or concerned: Get medical advice/ attention.

Get medical help if you feel unwell.

Storage

P405

Store locked up.

Disposal

P501

Dispose of contents/ container to an approved waste disposal plant.

SECTION 3: Composition/information on ingredients

Substance / Mixture:

Mixture

Chemical Name	CAS No.	Concentration
2-hydroxy-1-(3-[4(2-hydroxy-2-methyl-propionyl)-phenyl]-1,1,3-trimethyl-indan-5-yl)-2-methyl-propan-1-one and 2-hydroxy-1-(1-[4(2-hydroxy-2-methyl-propionyl)-phenyl]-1,1,3-trimethyl-indan-5-yl)-2-methyl-propan-1-one (TR-PPI-101)	163702-01-0	≥90.00

SECTION 4: First aid measures

Description of first aid measures

If inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration.

In case of skin contact

Take off all contaminated clothing immediately. Wash skin with water/ shower. In case of skin irritation: Get medical advice/attention.

In case of eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.

If swallowed

Not a probable route of industrial exposure. However, if ingested, drink a lot of water and seek medical attention immediately.

Most important symptoms and effects, both acute and delayed

Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

To protect playing rescuer advice and the special hints to the doctor:

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect

themselves.

Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Use extinguishing media suitable for surrounding environment. Use carbon dioxide, dry powder, foam.

Unsuitable extinguishing media

Not available.

Special hazards arising from the substance or mixture

Not available.

Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid inhalation of vapor, dust.

Environmental precautions

Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system.

Methods and materials for containment and cleaning up

Collect leaking liquid in covered containers. Absorb remaining liquid in sand, activated carbon or inert absorbent. Then store and dispose of according to local regulations. Do not wash away into sewer. If a large number of leakage, constructing dike to dig a hole or asylum. Pump to tank lorry or dedicated collector, recycling or shipped to the disposal of waste places.

Precautions to prevent the occurrence of secondary hazards

Eliminate ignition sources and prevent leakage from entering sewers and basements.

SECTION 7: Handling and storage

Safe handling

Technical measures: No specific recommendations

Local and general ventilation: Provide adequate ventilation

Precautions: General hygiene measures for the handling of chemicals are applicable. Avoid breathing metal fume and/or dust. Use personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling.

Safe handling advice: Avoid contact with skin, eyes and clothing. Use personal protection recommended in Section 8 of the SDS.

Storage

Technical measures: No specific recommendations

Suitable storage conditions: Store in a cool, dry, dark, well-ventilated place. Keep away from incompatible materials. Avoid direct sunlight.

Incompatible materials: Not available.

Safe packaging materials: Keep it in the original container.

SECTION 8: Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits: Not available.

Engineering controls: Ensure adequate ventilation. If engineering controls alone can't reduce exposure levels to below the OELs, wear appropriate PPE.

Personal protection equipment

Respiratory protection: Wear approved dust and fume respirator to avoid excessive inhalation of particles.

Hand protection: Wear appropriate protective gloves.

Eye protection: Wear appropriate protective glasses.

Skin and body protection: Wear appropriate protective clothing.

Hygiene measures: Do not get in eyes. Wash hands before breaks and immediately after handling the product.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	Very viscous liquid to solid
Color	Yellow
Odor	Weak odor
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available

Version 6.4R	Page 5 / 8	Revision Date 30.05.2023
--------------	------------	--------------------------

Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Viscosity	No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Vapor pressure	No data available
Density	No data available
Relative density	No data available
Relative vapor density	No data available
Particle characteristics	No data available
Explosive properties	No data available
Oxidizing properties	none
Other safety information	
No data available	

SECTION 10: Stability And Reactivity

Chemical stability

The product is chemically stable under normal light avoiding conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

Incompatible material.

Incompatible materials

Not available

Hazardous decomposition products

No decomposition when used as directed.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

Version 6.4R	Page 6 / 8	Revision Date 30.05.2023
--------------	------------	--------------------------

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

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

Aspiration hazard

No data available

Additional Information

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

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Endocrine disrupting properties

No data available

Other adverse effects

No data available

SECTION 13: Disposal considerations

Residual waste:

Version 6.4R

Page 7 / 8

Revision Date 30.05.2023

Dispose in a safe manner in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Local disposal regulations:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport Information

UN number

ADR/RID: -

IMDG: -

IATA: -

UN proper shipping name

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

Packing group

ADR/RID: -

IMDG: -

IATA: -

Environmental hazards

ADR/RID: no

IMDG Marine Pollutant: no

IATA: no

Special precautions for user

no data available

Incompatible materials

Strong oxidizing agents, Strong acids

Further information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory Information

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

2-Hydroxy-1-(3-[4(2-hydroxy-2-methyl-propionyl)-phenyl]-1,1,3-trimethyl-indan-5-yl)-2-methyl-propan-1-one and 2-Hydroxy-1-(1-[4(2-hydroxy-2-methyl-propionyl)-phenyl]-1,1,3-trimethyl-indan-5-yl)-2-methyl-propan-1-one (TR-PPI-101) is found on the following regulatory lists

Inventory of Existing Chemical Substances in China; Taiwan Existing Chemical Substance Inventory; Korea Existing Chemicals List; United States Toxic Substances Control Act List; Canadian Non-Domestic Substance List; New Zealand Inventory of Chemicals; European

Version 6.4R	Page 8 / 8	Revision Date 30.05.2023
--------------	------------	--------------------------

Chemical Inventory

Downstream users' precautions:

Dispose of products/container in according with the relevant laws and regulations.

SECTION 16: Other Information**Further information**

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.