

DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

Telephone : +91 (20) 24530071

Email : info@jpharmachem.com, Web : www.jpharmachem.com

Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

Safety Data Sheet

GLYCERYL TRIBENZOATE

Revision date :

Page: 1/7

Version : 3.0

NUMBER

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Chemical Name Glyceryl tribenzoate

CAS NO. 614-33-5

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

1. GTB is used widely as replacement to Phthalate plasticizers in medical devices
2. GTB is widely used in cosmetics due to its FDA approved status.
3. GTB can be used for the treatment of urea cycle disorders and neurodegenerative disorders.

Details of the supplier of the safety data sheet

COMPANY

DR. J. PHARMACHEM PVT LTD

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Physical and Chemical Hazards Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

Human Health Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

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

Label elements The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

None

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Component Glyceryl tribenzoate

Chemical Name Glyceryl tribenzoate

CAS NO 614-33-5

EC Number 210-379-6

Molecular Formula C₂₄H₂₀O₆

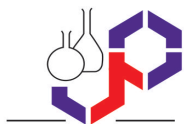
Molecular Weight 404.44 g/mol

Concentration Min 95%

4 FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled If breathed in, move person into fresh air. If not



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breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution

If swallowed

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

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for firefighting if necessary

5.4 Further information

No data available

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas.

6.2 Environmental precautions

Do not let product enter drains

6.3 Methods and materials for containment and cleaning up

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

6.4 Reference to other sections

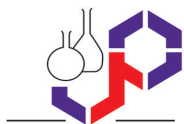
For disposal see section 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

7.2 Information about protection against explosions and fires



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

7.3 Conditions for safe storage including any incompatibilities

no data available

7.4 Specific end use(s)

No data available

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Appropriate engineering controls

General industrial hygiene practice.

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hands protection

Handle with gloves. Gloves must be inspected prior to use.

Skin protection

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

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

None

9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance

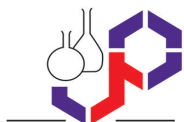
Form : Solid Colour: White

b) Odour

No data available

c) Odour Threshold

No data available



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d)pH (% solution in water)	No data available
pH	No data available
e)Melting point/freezing point	No data available
f)Initial boiling point and boiling range	150°C at 0.01 mmHg
g)Flash point	No data available
h)Evaporation rate	No data available
i)Flammability (solid or gas)	No data available
j)Upper/lower flammability or explosive limits	No data available
k)Vapour pressure	0.01 mm Hg at 150°C
l)Vapour density	No data available
m)Relative density	1.26 g/cm ³
n)Water solubility	Insoluble
o)Partition coefficient: n-octanol/water	No data available
p)Autoignition temperature	No data available
q)Decomposition temperature	No data available
r)Viscosity	No data available
s)Explosive properties	No data available
t)Oxidizing properties	No data available

9.2 Other safety information

Bulk Density	No data available
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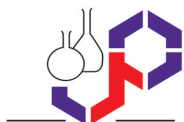
10 STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical stability	No data available
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products	Other decomposition products - no data available

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No data available
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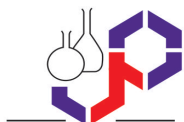
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Acute oral toxicity	No data available
Acute Inhalation toxicity	No data available
Acute dermal toxicity	No data available
Acute Irritation / corrosion toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
IARC	No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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	No data available
Route of exposure	No data available
Aspiration hazard	Not available
Potential health effects	No data available
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed
Skin	May be harmful if absorbed through skin. May cause skin irritation
Eyes	May cause eye irritation.
RTECS	Not available

12 ECOLOGICAL INFORMATION

12.1 Toxicity	No data available
Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available



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Toxicity to Algae/Aquatic plants No data available

Toxicity to microorganisms No data available

12.2 Persistence and degradability

Biodegradation

No data available

12.3 Bio accumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment No data available

12.6 Other adverse effects No data available

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14 TRANSPORT INFORMATION

14.1 UN number

ADR/RID	IMDG	IATA
-	-	-

14.2 UN proper shipping name

ADR/RID	IMDG	IATA
-	-	-

14.3 Transport hazard class(es)

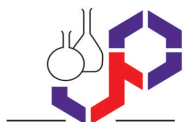
ADR/RID	IMDG	IATA
-	-	-

14.4 Packaging group

ADR/RID	IMDG	IATA
-	-	-

14.5 Environmental hazards

ADR/RID	IMDG Marine pollutant	IATA
-	-	-



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No

No

No

14.6 Special precautions for user None

15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

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

no data available

15.2 Chemical Safety Assessment

no data available

16 OTHER INFORMATION

no data available

no data available

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Dr J Pharmachem (India) and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.jpharmachem.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale

Month of Revision :- March 2027

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