



SAFETY DATA SHEET

In compliance with Regulation (EC) 1907/2006 and (EU) n. 453/2010 (Annex II)

Issuing Date 8-JUL-2015

Revision Date 8-JUL-2015

Revision Number 1

1.1. Product identifier

Product Name	GLYCERIN
Chemical Name	Glycerol, 1,2,3-Propanetriol
Formula	C ₃ H ₈ O ₃
CAS	56-81-5
EINECS	200-289-5
Index No	No information available
Reach Registration Number	No information available

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

Identified Use	Lubricant
Uses advised against	No information available

1.3. Details of the supplier of the safety data sheet

Manufacturer, Supplier	Rougier 17800, Lapointe Street Mirabel (Québec), Canada JPJ 173 Telephone 1-866-470-6886
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For further information, please contact

E-mail Address	msds.teva@teva-pfc.com
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1.4. Emergency Telephone Number

Emergency Telephone Number	800-483-5060
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SECTION 2: Hazards identification**2.1.- Classification of the substance or mixture**

Classification according to 1272/2008/EU

Not classified

2.2. Label Elements

None

2.3. Other hazards

No information available

3.1. Substances

N.A.

3.2. Mixtures

Chemical Name	EC No.	REACH Reg. No.	CAS-No	Weight %	CLP/GHS classification
Glycerin	EEC No. 200-289-5	Not available	56-81-5	96-99	None

Full text of phrases reported in section 16.

SECTION 4: First aid measures

4.1. Description of first-aid measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water, only if the person is conscious. Get medical attention.
Inhalation	Remove from exposure, lie down. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Consult a physician

4.2. Most important symptoms and effects, both acute and delayed

Irritation	No information available
Corrosivity	No information available
Sensitization	No information available
Eyes	May cause irritation
Skin	No information available
Inhalation	May cause irritation
Ingestion	No information available

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5.1. Extinguishing media

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO₂). Alcohol-resistant Foam. Dry powder.

Unsuitable extinguishing media.

No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

5.3. Advice for firefighters

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with dusts/fumes/mists/vapors.

6.1.1. For non-emergency personnel

Protective equipment See section 8

Emergency procedures Evacuate the danger area and alert emergency team

6.1.2. For emergency responders

See section 8

6.2. Environmental Precautions

Should not be released into the environment.

6.3. Methods and materials for containment and cleaning up

6.3.1. Methods for Containment

No information available.

6.3.2. For cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). If emergency, enforce internal emergency plan.

6.3.3. Other information

No information available

6.4. Reference to other sections

See sections 8 and 13 for additional information.

7.1. Precautions for Safe Handling

Handling

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. Provide appropriate exhaust ventilation at places where vapor is formed. Handle in accordance with good industrial hygiene and safety practice.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Excursion permitted up to 30°C. Store at room temperature. Keep tightly closed in a dry and cool place. Protect from light. Store in accordance with local regulations.

7.3. Specific end use(s)

Exposure Scenario

No information available.

Other Guidelines

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits ACGIH – 10.0 mg/m³ TWA.

Biological occupational exposure limits No information available

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Provide engineering control appropriate for the task.

Personal protective equipment

Eye/face protection Approved safety goggles/glasses if appropriate.

Body protection Long sleeved clothing.

- Hand protection Chemical resistant gloves.

Respiratory Protection Not needed for normal handling.

Environmental exposure controls Ensure adequate ventilation, especially in confined areas.

9.1. Information on basic physical and chemical properties

Appearance

Color Clear

Physical State Liquid

Odor None

Odour Threshold No information available

pH

No information available

Melting Point/Range

No information available

Boiling Point/Range

Decomposition 290 °C (554 °F)

Flash Point

177 °C (351 °F)

Evaporation Rate

No information available

Flammability (solid, gas)

No information available

Flammability Limits in Air

Upper

No information available

Lower

No information available

Vapor Pressure

<0.008 hPa

Vapor Density

No information available

Relative Density

1.25 g/mL

Solubility

No information available

Water Solubility

None

Octanol/water Partition Coefficient (Log Kow)

No information available

Autoignition Temperature

No information available

Decomposition Temperature

No information available

Viscosity

No information available

Explosive Properties

No information available

Oxidizing Properties

No information available

9.2. Other information

Molecular Weight 92.09

SECTION 10: Stability and reactivity**10.1.Reactivity**

No information available.

10.2.Chemical Stability

Stable under normal conditions.

10.3.Possibility of hazardous reactions

No information available.

10.4.Conditions to avoid

Excessive heat, open flame.

10.5.Incompatible materials.

Oxidizing agents.

10.6.Hazardous decomposition products

No informational available.

11.1. Information on toxicological effects**Acute Toxicity****LD50 Oral rat**

>5000mg/kg

Irritation

No information available.

Corrosivity

No information available.

Sensitization

No information available.

Eyes

May cause irritation.

Skin

May cause irritation; may be absorbed.

Inhalation

May cause irritation.

Ingestion

No information available.

Chronic toxicity**Carcinogenicity**

No information available

Reproductive Toxicity

No information available.

Mutagenic Effects

No information available.

STOT - repeated exposures

No information available.

STOT - single exposure

No information available.

Other Information**Chronic exposure**

Can affect liver and kidneys.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity effects

No information available

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Bioaccumulation not expected.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

Endocrine Disruptor Information

No information available.

13.1. Waste treatment methods

Waste from Residues/Unused Products

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14.1.

UN-No

Not hazardous for transport

14.2.

Proper Shipping Name

Not hazardous for transport

14.3. Transport hazard class(es)

ADR / RID / ADN (land transport)

Not hazardous for transport

IMDG (sea transport)

Not hazardous for transport

IATA / ICAO (air transport)

Not hazardous for transport

14.4.

Packing Group

Not hazardous for transport

14.5. Environmental hazards

Marine Pollutant

No information available

14.6. Special precautions for user

Emergency No.

No information available

ADR/RID-Labels

No information available

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

Technical name

No information available

Ship type

No information available

Annex II

No information available

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Regulation 1907/2006/EC (REACH) and successive modifications
- Regulation 1272/2008 (CLP) and successive modifications
- D.Lgs. 81/2008 and successive modifications and Dir. 2009/161/EU
- Regulation 453/2010/EC Annex II

International Inventories

Glycerin in the product is on the following Inventory lists:.

TSCA	-
EINECS/ELINCS	-
DSL/NDSL	-
PICCS	-
ENCS	-
IECSC	-
AICS	-
KECL	-

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No information available

SECTION 16: Other information**CLP/GHS - Regulation****Hazard Statements**

Not classified

Other Information:

HMIS Rating: Health Hazard – 0; Chronic Health Hazard - 0; Flammability – 1; Physical Hazard - 0

NFPA Rating: Health Hazard – 0; Fire Hazard – 1; Reactivity Hazard – 0

WHMIS 1988 Classification: None

Source of data

R.T.E.C.S. - REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

A.C.G.I.H. - AMERICAN CONFERENCE OF INDUSTRIAL HYGIENISTS

H.S.D.B. - HAZARDOUS SUBSTANCES DATA BANK

N.I.O.S.H. - NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

N.T.P. - NATIONAL TOXICOLOGY PROGRAM

NLM – National Library of Medicine

I.A.R.C. - INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

ECHA (European chemicals agency) databases

FDA (Food & Drug administration) database

EMA (European Medicines agency) documents

ChemAdvisor

Chemspider database

Issuing Date 8-JUL-2015**Revision Date** 8-JUL-2015**Revision Note**

Not applicable

Disclaimer

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End of Safety Data Sheet