

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Identification of the substance or mixture

Product code 58080
Product name DILUTION BULK, SUPERScript III

Company/undertaking identification

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24 hour Emergency Response for Hazardous Materials [or Dangerous Goods] Incident. Spill, Leak, Fire, Exposure, or Accident. Call CHEMTREC Within the USA + Canada: 1-800-424-9300 and +1 703-527-3887
 Outside the USA + Canada: +1 703-741-5970

Country specific Emergency Number (if available):

CHEMTREC Israel (Tel Aviv)	+(972)-37630639 (Greeting Language: Hebrew)
CHEMTREC Malaysia	1-800-815-308 (Toll Free) (Greeting Language: Malay)
CHEMTREC Malaysia (Kuala Lumpur)	+(60)-327884561 (Greeting Language: Malay)
CHEMTREC Philippines	1-800-1-116-1020 (Toll Free) (Greeting Language: Tagalog)
CHEMTREC Philippines (Manila)	+(63) 632-395-3308 (Greeting Language: Tagalog)
CHEMTREC Saudi Arabia	+(966)-8111095861 (Greeting Language: Arabic and English)
CHEMTREC Singapore	800-101-2201 (Toll Free) (Greeting Language: English and Mandarin)
CHEMTREC Singapore	+(65)-31581349 (Greeting Language: English and Mandarin)
CHEMTREC Australia (Sydney)	+(61)-290372994 (Greeting Language: English)
CHEMTREC New Zealand (Auckland)	+(64)-98010034 (Greeting Language: English)
CHEMTREC South Africa	0-800-983-611 (Greeting Language: English)
CHEMTREC Vietnam (Hanoi)	+(84)-444581771 (welcome Language: Vietnamese)

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SECTION 2: Hazards identification

Australian SDS Statement Classified as non-hazardous according to the criteria of Worksafe Australia.

GHS - Classification

Health hazards

Not Hazardous

Physical hazards

Not Hazardous

Environmental Hazards

Not Hazardous

Label elements

Signal word

None

Hazard pictograms

None

hazard statements

Not applicable

Precautionary Statements

Prevention

Not applicable

Response

Not applicable

Storage

Not applicable

Disposal
Not applicable

Other hazards
Not applicable

SECTION 3: Composition/information on ingredients

Component	CAS-No.	EINECS-No.	Weight percent
Glycerin 56-81-5 (30-60)	56-81-5	200-289-5	30-60

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4: First aid measures

Description of first aid measures

Skin contact	Rinse with plenty of water. Immediate medical attention is not required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
INGESTION	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Notes to Physician	Treat symptomatically.

Most important symptoms and effects, both acute and delayed
Not applicable

Indication of any immediate medical attention and special treatment needed
None.

SECTION 5: Firefighting measures

Extinguishing media

Suitable Extinguishing Media	Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical.
Unsuitable Extinguishing Media	No information available.

Special hazards arising from the substance or mixture Not Known.

Advice for fire-fighters Standard procedure for chemical fires.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail.

Environmental precautions

No special environmental precautions required. Avoid discharge into drains and waterways whenever possible.

Methods and material for containment and cleaning up

Soak up with inert absorbent material.

Reference to other sections

See section 8 for more information.

SECTION 7: Handling and storage

Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.

Specific end use(s)

For research use only.

SECTION 8: Exposure controls/personal protection

Control parameters

Chemical Name	Australia STEL	Australia	Australia - Skin Absorbers	Australia - OES - Peak
Glycerin 56-81-5	None	10 mg/m ³	None	None

Chemical Name	New Zealand - Workplace Exposure Limits	New Zealand TWA	New Zealand STEL	New Zealand Ceiling Limits
Glycerin 56-81-5		10 mg/m ³		

Chemical Name	China OEL (MAC)	China - Skin Absorbers	Hong Kong OEL
Glycerin 56-81-5	None	None	None

Chemical Name	Korea OEL (CEILING)	Korea OEL (TWA)	Korea OEL (STEL)
Glycerin 56-81-5	None	10 mg/m ³	None

Chemical Name	Taiwan OEL - TWA	Taiwan OEL (Skin notations, Carcinogens)	Taiwan OEL (STELs)	Taiwan OEL (Ceilings)
Glycerin 56-81-5	None		None	

Chemical Name	Singapore OEL (PEL)	Singapore OEL (STEL)
Glycerin 56-81-5	10 mg/m ³	None

Engineering measures

Ensure adequate ventilation, especially in confined areas

Exposure controls

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Personal protective equipment

Respiratory protection	In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.
Hand Protection	Wear suitable gloves Glove material: Compatible chemical-resistant gloves.
Eye protection	Tight sealing safety goggles
Skin and body protection	Wear suitable protective clothing
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No special environmental precautions required. Avoid discharge into drains and waterways whenever possible.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid	
Odour	no data available	
pH	No data available	
pH	6-8	
Melting point / melting range	°C No data available	°F No data available
Boiling point / boiling range	°C No data available	°F No data available
Flash point	°C No data available	°F No data available
Autoignition temperature	°C Mixture has not been tested	°F Mixture has not been tested
Decomposition temperature	°C Mixture has not been tested	°F Mixture has not been tested
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable	
Upper explosion limit	Mixture has not been tested	
Lower explosion limit	Mixture has not been tested	
Vapour Pressure	Mixture has not been tested	
Relative density	Mixture has not been tested	
Specific gravity	No data available	
Solubility	No information available	
Partition coefficient: n-octanol/water	No data available	
Explosive properties	Mixture has not been tested	
OTHER INFORMATION	No data available	

SECTION 10: Stability and reactivity

Reactivity	None known.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous reaction has not been reported.
Conditions to Avoid	None under normal processing.
Incompatible Materials	Strong acids. oxidising agents. Acetic anhydride. Isocyanates. Ammonia. Bases.
Hazardous decomposition products	Carbon oxides.

SECTION 11: Toxicological information

Information on toxicological effects

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Glycerin	= 12600 mg/kg Oral	No data available	>570mg/m ³ (Rat)

Principal Routes of Exposure Potential health effects

Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Sensitisation	Conclusive but not sufficient for classification
STOT - Single Exposure	Conclusive but not sufficient for classification
STOT - Repeated Exposure	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Reproductive toxicity	Conclusive but not sufficient for classification
Aspiration hazard	Conclusive but not sufficient for classification

SECTION 12: Ecological information

Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Chemical Name	Freshwater Algae Data	Water Flea Data	Freshwater Fish Species Data	Microtox Data	log Pow
Glycerin	No data available	Daphnia magna EC50>500 mg/L (24 h)	No data available	No data available	logPow-1.76

Persistence and degradability Inherently biodegradable.

Bioaccumulative potential Material does not bioaccumulate.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other adverse effects No information available.

SECTION 13: Disposal considerations

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

SECTION 14: Transport information

IATA / ADR / DOT-US / IMDG

Not classified as dangerous in the meaning of transport regulations.

UN Number Not applicable

UN proper shipping name Not applicable

Transport hazard class(es) Not applicable

Packing group Not applicable

Environmental Hazards Not applicable

Special precautions for user Not applicable

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

Not applicable.

SECTION 15: Regulatory information

International Inventories

Chemical Name	US TSCA	Canada (DSL)	NDSL	PICCS (Philippines)
Glycerin	Listed	Listed	-	Listed

Chemical Name	ENCS (Japan)	IECSC - China Inventory of Existing Chemical Substances	South Korea (KECL)	AICS (Australia)
Glycerin	Listed	Listed	Listed	Listed

Chemical Name	NZIoC - New Zealand Inventory of Chemicals	EINECS (European Union)	ELINCS (European List of Notified Chemical Substances)
Glycerin	Listed	Listed	-

Korea

Chemical Name	Industrial Safety and Health Act (ISHA)	Chemicals Control Act (CCA)	Wastes Control Act	National Emergency Management Agency (NEMA) - Dangerous Substances
Glycerin	10mg/m ³ TWA	Not Listed	Not Listed	Present

Singapore

Chemical Name	Singapore - Poisons List
Glycerin	Not Listed

Taiwan

Chemical Name	Toxic Chemical Substances Control Act - Classification and Control Levels	Toxic Chemical Substances Control Act - Threshold Regulated Quantities	Hazard Prevention Standard for Specified Chemical Substances
Glycerin	Not Listed	Not Listed	Not Listed

China

Chemical Name	China - Catalogue of Occupational Hazard Factors	China - Dangerous Goods List	China - Catalog of Hypertoxic Chemicals	China - List of Dangerous Chemicals for Priority Management
Glycerin	Not Listed	Not Listed	Not Listed	Not Listed

SECTION 16: Other information

Reason for revision SDS sections updated.
Revision number 3
Revision date 04-May-2017

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References

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- ECHA: <http://echa.europa.eu/>
- TOXNET: <http://toxnet.nlm.nih.gov/>
- eChemPortal: <http://www.echemportal.org/>
- LOLI database: <https://www.chemadvisor.com/loli-database>

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End of Safety Data Sheet