



chem-supply

# Safety Data Sheet

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Infosafe No™	3CHFK	Issue Date : June 2018	RE-ISSUED by CHEMSUPP
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Product Name : **Tween 20-LQ-(SG)**

Not classified as hazardous

## 1. Identification

**GHS Product Identifier** Tween 20-LQ-(SG)

**Product Code** TP020

**Company Name** CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)

**Address** 38 - 50 Bedford Street GILLMAN  
SA 5013 Australia

**Telephone/Fax Number** Tel: (08) 8440-2000  
Fax: (08) 8440-2001

**Recommended use of the chemical and restrictions on use** Surfactant

**Other Names****Name****Product Code****Other Information**

Polyoxyethylene (20) Sorbitan Monolaurate

EMERGENCY CONTACT NUMBER: +61 08 8440 2000

Business hours: 8:30am to 5:00pm, Monday to Friday.

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

## 2. Hazard Identification

**GHS classification of the substance/mixture** Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

## 3. Composition/information on ingredients

**Chemical Characterization** Liquid**Ingredients**

<u><b>Name</b></u>	<u><b>CAS</b></u>	<u><b>Proportion</b></u>	<u><b>Hazard Symbol</b></u>	<u><b>Risk Phrase</b></u>
Polyoxyethylene (20) Sorbitan Monolaurate	9005-64-5	100 %		

## 4. First-aid measures

**Inhalation** Remove to fresh air. Seek medical advice if effects persist.

**Ingestion** Do not induce vomiting. Rinse mouth with water. Seek medical advice if effects persist. If large quantities of this material are swallowed, call a physician immediately.

**Skin** Remove contaminated clothing and shoes immediately. Wash affected areas with copious quantities of water and soap. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist.

**Eye contact** Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.

**First Aid Facilities** Maintain eyewash fountain and safety shower in work area.

**Advice to Doctor** Treat symptomatically based on judgement of doctor and individual reactions of the patient.

**Other Information** For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

## 5. Fire-fighting measures

**Unsuitable Extinguishing Media** Water jet - High volume.



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<b>Hazards from Combustion</b>	May liberate toxic fumes (carbon oxides) in fire.
<b>Products</b>	
<b>Specific Methods</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Specific hazards arising from the chemical</b>	May be combustible at high temperatures. Fire or heat may produce irritating, poisonous and/or corrosive gases. Solid water streams may scatter and spread fire. Prevent run-off from fire fighting entering drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
<b>Precautions in connection with Fire</b>	Wear SCBA and chemical splash suit.
<b>Other Information</b>	Cool unopened containers with water spray.

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Do NOT touch or walk through this product unless wearing appropriate protective clothing. Stop leak if safe to do so. Ventilate area of leak or spill. Water spray may be used to knock down or divert vapour clouds. Flush small spills to drain with plenty of water. Contain large spills using non-combustible materials, such as sand and earth. Absorb onto an inert material and sweep up.
<b>Personal Precautions</b>	Evacuate the area of all non-essential personnel. Remove all possible sources of ignition in the surrounding area. Product may present a slip hazard.
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8)
<b>Clean-up Methods - Small Spillages</b>	Absorb or contain liquid with sand, earth or spill control material. Shovel up using non sparking tools and place in a labelled, sealable container for subsequent safe disposal. Put leaking containers in a labelled drum or overdrum.
<b>Environmental Precautions</b>	Prevent further leakage or spillage and prevent from entering drains

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Only use in well-ventilated areas.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original containers. Keep container tightly closed in a dry, well-ventilated place.

## 8. Exposure controls/personal protection

<b>Other Exposure Information</b>	A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Safe Work Australia for this product. There is a blanket limit of 10 mg/m <sup>3</sup> for dusts when limits have not otherwise been established.
<b>Appropriate engineering controls</b>	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.
<b>Respiratory Protection</b>	Respirator not normally required.
<b>Eye Protection</b>	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
<b>Hand Protection</b>	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
<b>Personal Protective Equipment</b>	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
<b>Footwear</b>	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
<b>Body Protection</b>	Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
<b>Hygiene Measures</b>	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other



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protective equipment before storing or re-using.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Yellow liquid.
<b>Odour</b>	Characteristic
<b>Solubility in Water</b>	Soluble in water.
<b>Solubility in Organic Solvents</b>	Soluble in Alcohol.
<b>Flash Point</b>	290°C
<b>Flammability</b>	Combustible.

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Oxides of carbon.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 (rat): >38900 mg/kg
<b>Ingestion</b>	Not available.
<b>Inhalation</b>	Not available.
<b>Eye</b>	Rabbit - No eye irritation.
<b>Skin Sensitisation</b>	Test Type: Maximisation Test Species: Guinea pig Result: Does not cause skin sensitisation. Remarks: Patch test on human volunteers did not demonstrate sensitisation properties.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>Mutagenicity</b>	Not mutagenic in Ames Test
<b>Skin corrosion/irritation</b>	Species: Rabbit Result: No skin irritation Remarks: Patch test on human volunteers did not demonstrate irritating properties.

## 12. Ecological information

<b>Persistence and degradability</b>	Test Type: (OECD 301B) Result: Readily biodegradable. Biodegradation: > 70 % Exposure time: 28 d Remarks: (OECD 301B)
<b>Acute Toxicity - Fish</b>	LC50 (Oncorhynchus mykiss (rainbow trout)): ca. 216 mg/l Exposure time: 96 h Test Type: static test
<b>Acute Toxicity - Daphnia</b>	EC50 (calculated) (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 96 h Test Type: semi-static test NOEC (Daphnia magna (Water flea)): 10 mg/l Exposure time: 21 d Test Type: semi-static test
<b>Other Information</b>	Toxicity to microorganisms : IC0 (Pseudomonas putida): > 10,000 mg/l



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## 13. Disposal considerations

<b>Disposal Considerations</b>	Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.
<b>Container Disposal</b>	Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

<b>Transport Information</b>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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## 15. Regulatory information

<b>Regulatory Information</b>	Listed in the Australian Inventory of Chemical Substances (AICS).
<b>Poisons Schedule</b>	Not Scheduled

## 16. Other Information

<b>Literature References</b>	<p>'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.</p> <p>Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.</p> <p>National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.</p> <p>Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011.</p> <p>Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.</p> <p>Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'.</p> <p>Safe Work Australia, 'Hazardous Substances Information System, 2005'.</p> <p>Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.</p> <p>Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995) 3rd Edition]'.</p>
<b>Contact Person/Point</b>	<p>Paul McCarthy Ph. (08) 8440 2000    <b>DISCLAIMER STATEMENT:</b></p> <p>All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Chem-Supply accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.</p> <p>...End Of MSDS...</p>

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