

SWEET'S WHOLESALE

A.B.N. 73 718 278 944

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MATERIAL SAFETY DATA SHEET

Version No. EU5

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Date of Issue: 11 July 2006

COMPANY NAME: SWEET'S WHOLESALE

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1. IDENTIFICATION

Product Name: **SWEET'S 7.62 SOLVENT**

Other names:

Manufacturer's Product code: SS762

Recommended use: Major recommended use is for cleaning rifle barrel bores to remove accumulated copper deposits.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients leading to hazardous nature:

Chemical name:	CAS Number:	Proportion:
Ammonia	1336-21-6	>1% <10%

3. HAZARDS IDENTIFICATION

APPROVED CRITERIA

Classification: Classified as a Workplace Hazardous Substance. Classified as hazardous (Xi irritant) according to the National Occupational Health and Safety Commission's Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)].

SUSDP Classification	: Schedule 6 Poison
ADG Code Classification	: Not classified as a DG
UN No.	: none

POTENTIAL HEALTH EFFECTS

Health effects are likely to occur from overexposure. No adverse health effects are expected if safety precautions are followed.

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Acute : Not acutely toxic. Target organs – respiratory system, skin and eyes.
Swallowed : Expected to cause irritation. May cause digestive distress if a large quantity is swallowed.
Skin : Expected to cause irritation if not washed off promptly.
Eye : Expected to cause irritation. Risk of injury to eyes.
Inhaled : If vapour is inhaled, expected to cause irritation to nose, throat and lungs. Strong smell gives warning of presence of ammonia.
Chronic (long-term) effects : None found for ingredients disclosed by manufacturer.
Carcinogen status : Not classified by NOHSC or IARC

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (phone 13 11 26 toll free in Australia), or a doctor.

Swallowed: If swallowed, do NOT induce vomiting, rinse mouth with water and give a glass of water to drink.
Eye: If in eyes, wash out immediately with water. Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by Poisons Information Centre or a doctor, or for at least 15 minutes. If irritation occurs, seek medical advice.
Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation occurs, seek medical advice.
Inhaled: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

First Aid facilities: Eye wash facilities.

Advice to doctor: If ingested, ammonia will be neutralised in the gut and reduce gastric acidity. If ingested by an infant, take into account the 14% of ethanol present. If patient vomits, consider aspiration hazard from surfactant ingredients causing foaming.

5. FIRE FIGHTING MEASURES

Fire and explosion hazards: While no flash point was found on test of this product involvement in a fire may produce toxic or irritant vapours. Water spray may be used as extinguishing agent. Neither flammable nor combustible.

Extinguishing media: Use extinguishing media appropriate to surrounding fire conditions. Remove containers not involved in the fire from the vicinity. Dry chemical, CO₂, foam or water spray/fog are preferred media.

Fire-fighting: Evacuate area to upwind of fire. Summon Fire Service immediately advising the nature of this product. Emergency workers should wear full protective equipment and supplied-air breathing apparatus. Toxic or irritating particulates, vapours or gases may be produced. Spray water on containers to cool to prevent over-pressure. Contain contaminated fire-fighting water.

6. ACCIDENTAL RELEASE MEASURES

Accidental release: Evacuate immediate area. Wear Personal Protective Equipment detailed in Section 8. Seal leak if safe to do so. Place leaking container in overbin that is fully labelled for disposal. Do not allow to enter drains or sewer. Cover with absorbent, and place used absorbent in a fully labelled container for disposal. Wash contaminated area with water, cover with absorbent, sweep up and place in waste bin. Negotiate disposal with the local Waste Authority.

Occupational release: As for accidental release.

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7. HANDLING AND STORAGE

Not classified as Dangerous Goods according to the Australian Dangerous Goods Code 6th Edition for transport by road or rail. Segregate from incompatible materials such as strong alkalies or acids.

Store so as to contain spills or leaks. Store below 40 deg C

In Australia store and handle as a schedule 6 poison.

Do not mix with any other chemical.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

The Time Weighted Average (TWA) is the concentration of the substance in the worker's breathing zone, exposure to which over 8-hour days, 5-day weeks over a working lifetime, should not cause any undue discomfort or health impairment to nearly all workers. The Short Term Exposure Limit (STEL) means a 15 minute TWA exposure which should not be exceeded and should not be repeated within 60 minutes or more than four times per day.

Preferred control: If frequently used, or used in a confined or poorly ventilated space, vapours should be captured at source using local exhaust ventilation. Capture velocity of air at release point is recommended to be at least 0.5 m/sec. Direction of airflow to be away from breathing zone. If the preferred method of control is not available, use in a well ventilated area with air movement away from the operator.

Personal Protection:

If engineering controls are inadequate to ensure concentration of contaminate in air is less than TWA and STEL, use a respirator complying with AS 1716 of type: half face with alkaline vapour cartridges (e.g. 3M type AM).

Wear eye protection complying with AS 1337 of type: glasses.

Wear gloves complying with AS 2161 of type PVC coated cotton gloves or gloves coated with equivalent compatible material.

Protect skin by wearing: long sleeved overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	pale yellow liquid
Boiling point	not applicable
Melting point	not applicable
Vapour pressure	not available
Specific gravity	0.94 @15 ° C
Closed Flash point:	none detected by Abel or Pensky Martens methods
Fire point:	not known.
Initial Boiling point:	approximately 65 ° C
Solubility in water:	soluble all proportions
pH: 10.5 (neat):	10.0 @ 1% in water.
Odour:	ammoniacal

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10. STABILITY & REACTIVITY

Flammability: Not classed as a dangerous good, class 3. No flash point found on test
Corrosiveness: Not corrosive to tissue. Aggressive to copper.
Oxidising properties: Not an oxidising agent.
Conditions to avoid: Sources of heat.
Incompatibilities: Incompatible with reducing agents, acids, strong bases, and some metals.
Hazardous decomposition: No decomposition expected at normal temperatures. Unstable above 40 deg.C.
Polymerisation: No hazardous polymerisation will occur.

11. TOXICOLOGICAL INFORMATION

Poisons Schedule (Australia): 6

If sold to consumers, Poisons Regulation labelling and packaging is required if used at workplaces, labelling needs to comply with the national standard for labelling workplace hazardous substances.

No data indicating adverse chronic health effects were found. Not expected to be sensitising. The ingredients are not sensitising.

No information is available on the mixture; the hazards have been assigned by reference to the hazards associated with ingredients.

12. ECOLOGICAL INFORMATION

Toxic to aquatic species in high concentration. Prevent entry to drains or natural waterways. Contains biodegradable surface-active agent.

Contains no heavy metal or halogenated compounds.

13. DISPOSAL CONSIDERATIONS

Dispose of waste by negotiation with waste authority. Disposal of used absorbent to ordinary landfill after spill clean up, is expected to be approved.

14. TRANSPORT INFORMATION

UN Number Not classified as Dangerous goods according to the ADG Code for transport by road or rail.

Correct Shipping name not applicable

Dangerous Goods Class: None

Packing Group: None

Subsidiary Risk: None

HAZCHEM Code: Not applicable

Emergency Procedure Guide: none

IATA classification: not classified as DG as the ammonia content is below 10%.

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15. REGULATORY INFORMATION

Classified as **hazardous** according to the criteria of NOHSC for workplace hazardous substances (Irritant Xi).

R 36/37/38	Irritating to eyes, respiratory system and skin.
R50	Do not mix with acids or strong alkalis.
S 2	Keep out of the reach of children.
S7	Keep container tightly closed.
S26	In case of contact with eyes rinse immediately with plenty of water (for at least 10 minutes) and contact doctor or poisons information service.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

16. OTHER INFORMATION

NOHSC designated list

Ammonia is classified

Xi at $\geq 5\%$ and $< 10\%$ R 37, 36, 38 S2, 7, 26
C at $\leq 10\%$ R34

AICS Status Of Ingredients: All ingredients are present in the Australian Inventory of Chemical Substances and the product is legal to import or manufacture.

ACRONYMNS

ACGIH	:American Conference of Government Industrial Hygienists
ADG Code	:Australian Dangerous Goods (DG) Code
AICS	:Australian Inventory of Chemical Substances
CAS No.	:Chemical Abstracts number
IARC	:International Agency for Research on Cancer
NOHSC	:National Occupational Health and Safety Commission
NTP	:National Toxicology Programme (USA)
OHSA	:Occupational Health & Safety Administration (USA)
R-Phrases	:Risk phrases identifying main hazard of ingredient or product
S-Phrases	:Safety phrases identifying main safety measures to be used
SUSDP	:Standard for the Uniform Scheduling of Drugs and Poisons
UN No.	:United Nations identifying number for DG

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VERSION AUTHORISED BY

L Sweet

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