



NOHSC 16 Section



Material Safety Data Sheet

WYNN'S CITRUS HANDCLEANER

Infosafe™ 5APFI
No.**Issue Date** November 2014**Status** ISSUED by
AAMTECH**BS:**
1.11.6**Classified as hazardous according to criteria of NOHSC**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name WYNN'S CITRUS HANDCLEANER

Product Code 90505; 90520

Company Name ITW AAMTech (ABN 63 004 235 063)

Address 100 HASSALL ST WETHERILL PARK
NSW 2164

Emergency Tel. 1800 638 556

Telephone/Fax Number Tel: 1800 177 989
Fax: +61 2 9725 4698

Recommended Use Industrial strength hand cleaner.

Other Names None Listed

Other Information Website: www.aamtech.com.au
*
Email: info@aamtech.com.au

2. HAZARDS IDENTIFICATION

Hazard Classification Sensitization - Skin: Category 1

Risk Phrase(s) R43 May cause sensitization by skin contact.
R52 Harmful to aquatic organisms.

Safety Phrase (s) S25 Avoid contact with eyes.
S101 Wear suitable gloves when handling large quantities.

Teratogenicity None of the components of this product is known to be a teratogen.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	d-Limonene	5989-27-5	0-2 %
	Water	7732-18-5	60-100 %
	Ingredients determined not to be hazardous	-	Balance
	Propylene glycol	57-56-6	0-<5 %

4. FIRST AID MEASURES

Inhalation	Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation.
Ingestion	Do NOT induce vomiting. Give water to drink. Seek medical attention.
Skin	This product is formulated for use on the skin, but should be rinsed off with water. Use a moisturising or barrier cream if drying occurs, particularly in cold weather.
Eye	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Remove contact lenses if worn. Seek immediate medical attention.
First Aid Facilities	This Material Safety Data Sheet should be provided to the attending medical doctor. An eye wash station or eye wash bottle should be provided.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.
Special Protective Equipment for fire fighters	Wear the protective equipment appropriate to fighting the principal fire hazard or the source of the fire.
Specific Hazards	During combustion, this product may produce carbon monoxide as well as other unidentifiable organic compounds.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Personnel involved in cleaning up any spills are to wear appropriate protective equipment. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth, and then transfer into sealed plastic containers for disposal. Dispose of large amounts in a chemical dump according to local authority statutory
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requirements. For small amounts, wash the product to the drain with a large excess of water.

7. HANDLING AND STORAGE

Handling and Storage

It is recommended that this product is only dispensed through approved dispensers. Dispense only enough product to perform the task. Do not use this product if it has passed its 'Best Before' date. Rotate stocks efficiently.

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Store in plastic containers in a clean, dry, cool, well ventilated place away from foodstuffs and sources of heat and out of direct sunlight. Keep containers sealed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

Name	STEL (mgm3)	STEL (ppm)	TWA (mgm3)	TWA (ppm)	FootNote
Propylene glycol			474	150	ASCC 2006

Biological Limit Values

No Biological Limit Values have been established for this material or its ingredients by Safe Work Australia.

Engineering Controls

Natural ventilation adequate under normal conditions of use. Keep containers closed when not in use.

Respiratory Protection

In the event of a large spill increase ventilation. No special measures required when used according to directions.

Personal Protective Equipment

This product is formulated for use on the skin, however wear gloves when cleaning up spills or otherwise handling large amounts. Discontinue use immediately upon signs of skin irritation or sensitisation. Wear chemical goggles or safety glasses if splashing is likely to occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Off-white cream, gritty texture, orange fragrance.

Boiling Point

100°C

Solubility in Water

90% w/v disperses in water.

Specific Gravity

1.030 @ 25°C

pH Value

6.5

Evaporation Rate

As for Water

Volatile Component

86% w/w

Flash Point

This product is an oil-in-water emulsion and as such it will not flash and does not support combustion.

Flammability This product is an oil-in-water emulsion and as such is not flammable under the conditions of use and does not support combustion.

10. STABILITY AND REACTIVITY

Chemical Stability Store below 30°C, keep out of direct sunlight and keep containers closed when not in use to minimise the autoxidation potential of d-Limonene.

Conditions to Avoid None known.

Incompatible Materials Strong oxidising agents.

Hazardous Decomposition Products During combustion, this product may produce carbon monoxide as well as other unidentifiable organic compounds.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Inhalation Not normally an inhalation risk due to low vapour pressure at ambient temperatures.

Ingestion Mildly irritating.

Skin This product is formulated for use on the skin, however irritation may occur if product is not rinsed from skin after each use.

Eye Mild eye irritant. d-Limonene is a corneal irritant. The pumice abrasive will cause scratching of the cornea.

Chronic Effects Prolonged and constant use may lead defatting of the skin causing irritation and possibly dermatitis.

Reproductive Toxicity None of the components of this product is known to be toxic to the unborn foetus.

Mutagenicity None of the components of this product is known to be a mutagen.

Carcinogenicity None of the components of this product is known to be a carcinogen.

Acute Toxicity - Oral Oral LD50 (rat) > 5000 mg/kg for d-Limonene.

Acute Toxicity - Dermal Dermal LD50 (rat) > 5000 mg/kg for d-Limonene.

Skin Sensitisation Oxidation by-products of d-Limonene are considered by NICNAS to be skin sensitisers. However, the level of oxidation by-products contained in this product is minimised through the use of antioxidants including Vitamin E and through specifying that the d-Limonene used in this product meets the guidelines recommended by IFRA for peroxide value. Any individual with a

known allergy to citrus fruits and their products should avoid contact with products containing d-Limonene.

12. ECOLOGICAL INFORMATION

**Short Summary
of Assessment
of
Environmental
Impact**

The surfactants contained in this product are readily biodegradable when tested according to AS1792-1976 and are classified as biologically soft. d-Limonene is also regarded as being biodegradable when tested according to internationally recognised protocols such as 40CFR 796.3240. NICNAS has reported that d-Limonene poses a low risk for acute toxic effects on aquatic organisms, a low risk for acute toxicity to terrestrial organisms from direct exposure to d-Limonene in air, and that d-Limonene has not been identified as an air toxic in Australia. This product and its biodegradation products are expected to have a low environmental impact and a low aquatic toxicity. NICNAS has reported that d-Limonene may bioaccumulate in fish and other organisms. None of the other components of this product is expected to bioaccumulate. This product contains < 0.1% Phosphorous, and is expected to make a negligible impact on eutrophication of waterways.

13. DISPOSAL CONSIDERATIONS

**Product
Disposal**

Dispose of large amounts in a chemical dump according to local authority statutory requirements. For small amounts, wash the product to the drain with a large excess of water.

**Container
Disposal**

Empty containers may be rinsed clean with water then recycled.

14. TRANSPORT INFORMATION

**Transport
Information**

Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail and according to the IMDG Code.

15. REGULATORY INFORMATION

**Poisons
Schedule**

Not Scheduled

Hazard Category Irritant**AICS
(Australia)**

All components listed.

16. OTHER INFORMATION

**Contact
Person/Point**

Australia:
24 HOUR EMERGENCY CONTACT (ACOHs Pty Ltd): 1 800 638 556
Poisons Information Centre (Australia): 13 11 26
New Zealand:
24 HOUR EMERGENCY CONTACT (ACOHs Pty Ltd): 0800 154 666
NZ National Poisons Centre (24 Hour): 0800 764 766
DISCLAIMER:

This Material Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product. As ITW AAMTech cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.

Data sheets from unauthorised sources may contain information that is no longer current or accurate.

This MSDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW AAMTech to ensure they are in possession of the latest version.

**Signature of
Preparer/Data
Service**

AMS

**Other
Information**

Keep containers sealed when not in use. Do not use product which has phased. It is recommended that this product be dispensed through approved dispensers. People who use this product regularly are advised to regularly apply a moisturising cream in order to reduce the possibility of industrial dermatitis. Do not apply the product to irritated or dermatitic skin. Do not apply the product to the eyes, lips, mouth or groin area. If irritation occurs or dermatitis develops, discontinue using this product. Any individual with a known allergy to citrus fruits and their products should avoid contact with products containing d-Limonene. Do not use this product if it has passed its 'Best Before' date. Rotate stocks efficiently. Handle and store this product only as recommended.

End of MSDS

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