



MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: CITRAFRESH

Uses: Carpet cleaning detergent concentrate.

Supplier Details: ED Oates Pty Ltd Trading As: **CITRUS RESOURCES**

Address: PO Box 158 Campbellfield VIC 3061

ABN 61 004 329 462 ACN: 004 329 462

Telephone: (03) 9355 6994

Fax Number: (03) 9359 9509

Poisons Information Centre Telephone: 13 1126

2. HAZARDS IDENTIFICATION

Hazardous according to criteria of NOHSC/ASCC

Risk Classification: Xi; Irritant
N; Harmful to the environment

Risk Phrases

R43 May cause sensitisation by skin contact.

Environmental Risk Phrases

R51 Toxic to aquatic organisms.

R53 May cause long term adverse effects in the aquatic environment.

Safety Phrases

S2 Keep out of reach of children.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37 Wear suitable protective clothing.

Environmental Safety Phrases

S61 Avoid release to the environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	Percentage	CAS No.
Anionic Surfactant Blend	< 10	Non Hazardous
Non-ionic Surfactant Blend	< 15	Non Hazardous
Ethanol	< 15	64-17-5
Inorganic Salts	< 7	Non Hazardous
Limonene	< 10	138-86-3
Orange Oil	< 1	68647-72-3
Anti-oxidant	< 0.1	Non Hazardous
Soap	< 1	Non Hazardous
Preservative	< 0.1	Non Hazardous
Water	> 50	7732-18-5

4. FIRST AID MEASURES

Swallowed: Drink 1 or 2 glasses of water. Do Not induce vomiting. Never give anything by mouth to an unconscious person. If feeling unwell seek medical advice.

Eye Exposure: Immediately flush eyes with plenty of water holding eyelids open. If eye irritation persists, seek medical advice.

Skin Exposure: Remove all contaminated clothing. Wash affected area with plenty of water. If skin irritation persists seek medical advice.

Inhalation: Remove victim from exposure to fresh air. If feeling unwell seek medical advice.

Advice to Doctor

Treat symptomatically based on individual reactions of patient and judgement of doctor.

5. FIRE FIGHTING MEASURES

Hazchem Code: None Allocated

Product is water based and is unlikely to play a contributing role in any fire.

Special protective precautions and equipment for fire fighters

Fire fighters should use the appropriate equipment for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Material can create slippery conditions.

Environmental precautions:

CAUTION: Keep spills and cleaning runoff out of drains and open bodies of water.

Methods & Materials for Containment & Clean Up:

Contain spills with inert absorbent materials (e.g. sand, earth).

Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

7. HANDLING & STORAGE

Handling:

Avoid contact with eyes.

Conditions for safe storage

Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s): There is no exposure data for this product.

Exposure controls:

Eye protection: Wear safety glasses.

Hand protection: Wear suitable gloves.

Respiratory protection: No special precautions.

Engineering measures: No special precautions

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Yellow
Odour:	Orange
pH:	9.4 – 9.8
Boiling point/range:	Not determined
Melting point/range:	<0°C Water
Flash point:	Non combustible
Vapour pressure:	Not established
Relative vapour density:	Not established
Water solubility:	Miscible with water at all proportions
Relative density:	1.01 – 1.02

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY & REACTIVITY

Hazardous Reactions: Product is stable under normal conditions of use, storage and temperature.

Materials to avoid: No special precautions.

Polymerization: Product will not undergo dangerous polymerization.

11. TOXICOLOGICAL INFORMATION

No data are available for this material.

Health Effects – Acute

Swallowed

May be irritating to digestive system if swallowed. Detergents have a laxative effect

Eye

May cause eye irritation.

Skin

Avoid contact with skin Irritating to skin. May cause sensitisation.

Inhaled

Avoid breathing vapour, spray or fumes.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Persistence and degradability: No information available for this product.

Mobility: No information available on this product.

Additional information

Environmental fate (exposure): Avoid contaminating waterways, drains and sewers.

Bioaccumulative potential: No information available for this product.

13. DISPOSAL CONSIDERATIONS

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal: Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

Classification for ROAD and RAIL transport;

Not regulated (Not dangerous for transport)

Classification for SEA transport (IMO-IMDG):

Not regulated (Not dangerous for transport)

Classification for AIR transport (IATA/ICAO):

Not regulated (Not dangerous for transport)

Hazchem Code:

None allocated.

15. REGULATORY INFORMATION

Label

Classification and labelling have been performed according to regulations.

Poison Schedule Not scheduled

EPG Not applicable

Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR). All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

16. OTHER INFORMATION

Date of Preparation: 08.08.08

Key to Abbreviations & Acronyms Used in MSDS:

<	Less Than
>	Greater Than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
NOHSC	National Occupational Health and Safety Commission.
OECD	Organisation for Economic Co-operation and Development.
UN	United Nations (Number)
deg C (°C)	Degrees Celsius
g	Gram
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m ³	Kilograms per cubic metre
ltr	Litre
m ³	Cubic metre
mg	Milligram
miscible	Liquids form one homogeneous liquid
ppm	Parts per million
wt	weight

Literature References: Supplies MSDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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Version	5.3
Revision date:	21.07.09
Print date:	29/07/09

Reason for change: Replaces versions 5.1 & 5.2

Risk phrase R38 Irritating to skin – removed. D-Limonene is not irritating to skin at concentration levels below 20%. Inclusion of Environmental Risk & Safety Phrases.