

SAFETY DATA SHEET



DEOFRESH TUTTI FRUITI

STEAMASTER AUSTRALIA PTY LTD

Catalogue number: AP432

Version No: 1.7

Issue date: 13/01/2017

Safety Data Sheet according to WHS and ADG requirements

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

| | |
|-------------------------------|-----------------------|
| Product name | DEOFRESH TUTTI FRUITI |
| Synonyms | AP432 |
| Other means of identification | Not Available |

Relevant identified uses of the substance or mixture and uses advised against

| | |
|--------------------------|-------------------|
| Relevant identified uses | Carpet deodoriser |
|--------------------------|-------------------|

Details of the supplier of the safety data sheet

| | |
|-------------------------|---|
| Registered company name | STEAMASTER AUSTRALIA PTY LTD |
| Address | 6 Reservoir Avenue, Greenacre SYDNEY NSW 2190 Australia |
| Telephone | (02) 9796 3433 |
| Fax | 1300 855 677 |
| Website | www.steamaster.com.au |
| Email | sales@steamaster.com.au |

Emergency telephone number

| | |
|-----------------------------------|----------------------------|
| Association / Organisation | Poisons Information Centre |
| Emergency telephone numbers | 13 11 26 |
| Other emergency telephone numbers | Not Available |

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

| | |
|------------------------|---|
| Poisons Schedule | Not Applicable |
| GHS Classification [1] | Skin Corrosion/Irritation Category 2, Serious Eye Damage Category 1, Skin Sensitizer Category 1 |
| Legend: | 1. Classified by Chemwatch; 2. Classification drawn from HSIS; 3. Classification drawn from EC Directive 1272/2008 - Annex VI |

Label elements

| | |
|--------------------|--|
| GHS label elements | |
|--------------------|--|

| | |
|-------------|---------------|
| SIGNAL WORD | DANGER |
|-------------|---------------|

Hazard Statements

| | |
|------|-------------------------------------|
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H317 | May cause an allergic skin reaction |

Precautionary statement(s) Prevention

| | |
|------|--|
| P280 | Wear protective gloves / eye protection / face protection. |
| P261 | Avoid breathing mist / vapours / spray. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |

Precautionary statement(s) Response

| | |
|---------------------|--|
| P305+P310+P351+P338 | IF IN EYES: Immediately call a POISON CENTER or doctor. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P302+P352+P333+P313 | IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice / attention. |
| P362 | Take off contaminated clothing and wash before reuse. |

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

| | |
|-------|---|
| AP501 | Dispose of contents/container in accordance with local regulations. |
|-------|---|

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

| CAS No | %[weight] | Name |
|-----------|-----------|---------------------------------|
| 9016-45-9 | <10 | <u>nonylphenol, ethoxylated</u> |
| 64-17-5 | <10 | <u>ethanol, denatured</u> |
| 111-30-8 | <1 | <u>glutaraldehyde</u> |

SECTION 4 FIRST AID MEASURES

Description of first aid measures

| | |
|--------------|--|
| Eye Contact | If this product comes in contact with the eyes: Seek medical attention without delay. Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. If pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. |
| Skin Contact | If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation. |
| Inhalation | If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. If patient is unwell, transport to hospital, or doctor, without delay. |
| Ingestion | Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. |

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

| | |
|---------------------|--|
| Extinguishing media | There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area. |
|---------------------|--|

Special hazards arising from the substrate or mixture

| | |
|----------------------|------------|
| Fire Incompatibility | None known |
|----------------------|------------|

Advice for Firefighters

| | |
|-----------------------|--|
| Fire Fighting | Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use. |
| Fire/Explosion Hazard | Non-combustible. Not considered a significant fire risk, however containers may burn. May emit poisonous fumes. May emit corrosive fumes. |

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|---------------------|---|
| Minor Spills | <p>Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal.</p> |
| Major Spills | <p>Moderate hazard. Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.</p> |

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

| | |
|--------------------------|---|
| Safe handling | <p>Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. DO NOT allow clothing wet with material to stay in contact with skin</p> |
| Other information | |

Conditions for safe storage, including any incompatibilities

| | |
|--------------------------------|--|
| Suitable container | <p>Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.</p> |
| Storage incompatibility | None known |

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA


| Source | Ingredient | Material name | TWA | STEL | Peak | Notes |
|------------------------------|--------------------|----------------|-----------------------------------|---------------|----------------------------------|---------------|
| Australia Exposure Standards | ethanol, denatured | Ethyl alcohol | 1880 mg/m ³ / 1000 ppm | Not Available | Not Available | Not Available |
| Australia Exposure Standards | glutaraldehyde | Glutaraldehyde | Not Available | Not Available | 0.41 mg/m ³ / 0.1 ppm | Sen |

EMERGENCY LIMITS

| Ingredient | Material name | TEEL-1 | TEEL-2 | TEEL-3 |
|--------------------------|---|------------------------|-----------------------|-----------------------|
| nonylphenol, ethoxylated | Ethoxylated nonylphenol; (Nonyl phenyl polyethylene glycol ether) | 0.37 mg/m ³ | 4.1 mg/m ³ | 260 mg/m ³ |
| ethanol, denatured | Ethyl alcohol; (Ethanol) | Not Available | Not Available | Not Available |
| glutaraldehyde | Glutaraldehyde | Not Available | Not Available | Not Available |

| Ingredient | Original IDLH | Revised IDLH |
|--------------------------|---------------|-----------------|
| nonylphenol, ethoxylated | Not Available | Not Available |
| ethanol, denatured | 15,000 ppm | 3,300 [LEL] ppm |
| glutaraldehyde | Not Available | Not Available |

Exposure controls

| | |
|---|--|
| Appropriate engineering controls | Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate. If ventilation is poor, then the use of a local exhaust ventilation system is recommended. |
| Personal protection |  |
| Eye and face protection | Safety glasses with side shields. OR Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Lens should be removed at the first signs of eye redness or irritation. Lens should be removed in a clean environment only after workers have washed hands thoroughly. |
| Skin protection | See Hand protection below |
| Hands/feet protection | Wear chemical protective gloves, e.g. Butyl or Neoprene. NOTE: The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact. Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed Gloves must only be worn on clean hands. |
| Body protection | See Other protection below |
| Other protection | Overalls. P.V.C. apron. Barrier cream. Skin cleansing cream. Eye wash unit. |
| Thermal hazards | Not Available |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|---|----------------|--|---------------|
| Appearance | Clear liquid | | |
| Physical state | Liquid | Relative density (Water = 1) | Not Available |
| Odour | Tutti Fruti | Partition coefficient n-octanol / water | Not Available |
| Odour threshold | Not available | Auto-ignition temperature (°C) | Not Available |
| pH (as supplied) | 7 | Decomposition temperature | Not Available |
| Melting point / freezing point (°C) | Not Available | Viscosity (cSt) | Not Available |
| Initial boiling point and boiling range (°C) | Not Available | Molecular weight (g/mol) | Not Available |
| Flash point (°C) | Not Applicable | Taste | Not Available |
| Evaporation rate | Not Available | Explosive properties | Not Available |
| Flammability | Not Applicable | Oxidising properties | Not Available |
| Upper Explosive Limit (%) | Not Applicable | Surface Tension (dyn/cm or mN/m) | Not Available |
| Lower Explosive Limit (%) | Not Applicable | Volatile Component (%vol) | Not Available |
| Vapour pressure (kPa) | Not Available | Gas group | Not Available |
| Solubility in water (g/L) | Miscible | pH as a solution (1%) | Not Available |
| Vapour density (Air = 1) | Not Available | VOC g/L | Not Available |

SECTION 10 STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | See section 7 |
| Chemical stability | Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur. |
| Possibility of hazardous reactions | See section 7 |
| Conditions to avoid | See section 7 |
| Incompatible materials | See section 7 |
| Hazardous decomposition products | See section 5 |

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

| | |
|---------------------|---|
| Inhaled | The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage. |
| Ingestion | No relevant data available |
| Skin Contact | This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition The material may still produce health damage following entry through wounds, lesions or abrasions. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. |
| Eye | This material can cause eye irritation and damage in some persons. |
| Chronic | Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population. |

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

May be a danger of the material presenting an acute aquatic hazard.
DO NOT discharge into sewer or waterways.

Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|--------------------------|-----------------------------|-----------------------------|
| nonylphenol, ethoxylated | LOW | LOW |
| ethanol, denatured | LOW (Half-life = 2.17 days) | LOW (Half-life = 5.08 days) |
| glutaraldehyde | LOW | LOW |

Bio accumulative potential

| Ingredient | Bioaccumulation |
|--------------------------|------------------------|
| nonylphenol, ethoxylated | LOW (BCF = 16) |
| ethanol, denatured | LOW (LogKOW = -0.31) |
| glutaraldehyde | LOW (LogKOW = -0.1821) |

Mobility in soil

| Ingredient | Mobility |
|--------------------------|--------------------|
| nonylphenol, ethoxylated | LOW (KOC = 940) |
| ethanol, denatured | HIGH (KOC = 1) |
| glutaraldehyde | HIGH (KOC = 1.094) |

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|-------------------------------------|--|
| Product / packaging disposal | Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations |
|-------------------------------------|--|

SECTION 14 TRANSPORT INFORMATION

Labels Required

| | |
|-------------------------|----------------|
| Marine Pollutant | NO |
| HAZCHEM | Not Applicable |

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

NONYLPHENOL, ETHOXYLATED (9016-45-9) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

ETHANOL, DENATURED (64-17-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

GLUTARALDEHYDE (111-30-8) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

SECTION 16 OTHER INFORMATION

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at: www.chemwatch.net

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

| | |
|----------|---|
| PC-TWA: | Permissible Concentration-Time Weighted Average |
| PC-STEL: | Permissible Concentration-Short Term Exposure Limit |
| IARC: | International Agency for Research on Cancer |
| ACGIH: | American Conference of Government Industrial Hygienists |
| STEL: | Short Term Exposure Limit |
| TEEL: | Temporary Emergency Exposure Limit |
| IDLH: | Immediate Danger to Life or Health Concentrations |
| OSF: | Odour Safety Factor |
| NOAEL: | No Observed Effects Level |
| TLV: | Threshold Limit Value |
| LOD: | Limit Of Detection |
| OTV: | Odour Threshold Value |
| BCF: | Bio Concentration Factors |
| BEI: | Biological Exposure Index |

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End of SDS