

SAFETY DATA SHEET



ENCAP FINE FABRIC

APPLIED PRODUCTS AUSTRALIA PTY LTD

Catalogue number: AP464

Version No: 1.6

Issue date: 17/01/2017

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 | ENCAP FINE FABRIC |
| Synonyms | AP464 |
| Other means of identification | Not Available |

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

| | |
|--------------------------|-----------------------------------|
| Relevant identified uses | Encapsulating fine fabric cleaner |
|--------------------------|-----------------------------------|

Details of the manufacturer/importer

| | |
|-------------------------|---|
| Registered company name | APPLIED PRODUCTS AUSTRALIA PTY LTD |
| Address | 11 Gamma Close, Beresfield 2322 NSW Australia |
| Telephone | (02) 4966 5516 |
| Fax | (02) 4966 5510 |
| Website | www.actichem.com.au |
| Email | info@actichem.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 Model WHS Regulations and the ADG Code.

| | |
|-----------------------------------|---|
| Poisons Schedule | Not Applicable |
| GHS Classification ^[1] | Eye Irritation Category 2. |
| 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 | WARNING |
|-------------|---------|

Hazard statement(s)

| | |
|------|-------------------------------|
| H319 | Causes serious eye irritation |
|------|-------------------------------|

Precautionary statement(s) Prevention

| | |
|------|--|
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye protection. |

Precautionary statement(s) Response

| | |
|----------------|--|
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists, get medical advice / attention. |

Precautionary statement(s) Storage

Not applicable

Precautionary statement(s) Disposal

| | |
|------|--|
| P501 | Dispose of contents/container in accordance with local regulations |
|------|--|

This SDS and the hazard classifications contained herein only apply to the product in its concentrated form as supplied. When diluted as recommended and ready-to-use, they no longer apply. However, good hygiene and housekeeping practices should be adhered to.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

| CAS No | %[weight] | Name |
|--------------|-----------|------------------------------|
| Trade secret | 10 - <30% | <u>proprietary</u> |
| 151-21-3 | <10 | <u>sodium lauryl sulfate</u> |
| 67-63-0 | <10 | <u>isopropanol</u> |

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

Description of first aid measures

| | |
|---------------------|---|
| Eye Contact | <p>If this product comes in contact with the eyes: Wash out immediately with fresh running water for 10 to 15 minutes. 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.</p> |
| Skin Contact | <p>If skin or hair contact occurs: Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.</p> |
| Inhalation | <p>If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.</p> |
| Ingestion | <p>If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.</p> |

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

| | |
|----------------------------|---|
| Extinguishing media | The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas. |
|----------------------------|---|

Special hazards arising from the substrate or mixture

| | |
|-----------------------------|------------|
| Fire incompatibility | None known |
|-----------------------------|------------|

Advice for firefighters

| | |
|------------------------------|--|
| Fire fighting | <p>Alert Fire Brigade and tell the 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.</p> |
| Fire/Explosion Hazard | <p>The material is not readily combustible under normal conditions. However, it will break down under fire conditions and the organic component may burn. Not considered to be a significant fire risk. Heat may cause expansion or decomposition with violent rupture of containers. May emit acrid smoke. Decomposes on heating and produces toxic fumes of: carbon monoxide (CO), carbon dioxide (CO₂) and other pyrolysis products typical of burning organic material. May emit corrosive fumes.</p> |

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|--------------------------|---|
| Minor Spills | Moderate environmental hazard - contain spillage. Clean up all spills immediately. Avoid 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. |
| Major Spills | Moderate environmental hazard - contain spillage. 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. |
| Other information | Personal Protective Equipment advice is contained in Section 8 of the SDS |

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

| | |
|--------------------------|--|
| Safe handling | Avoid all personal contact. Wear protective clothing when risk of exposure occurs. 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. |
| Other information | |

Conditions for safe storage, including any incompatibilities

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

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA



No data available

EMERGENCY LIMITS

| Ingredient | Material name | TEEL-1 | TEEL-2 | TEEL-3 |
|-----------------------|-----------------------|-----------|-----------|--------------|
| sodium lauryl sulfate | sodium lauryl sulfate | 3.9 mg/m3 | 43 mg/m3 | 260 mg/m3 |
| isopropanol | Isopropyl alcohol | 400 mg/m3 | 400 mg/m3 | 12,000 mg/m3 |

| Ingredient | Original IDLH | Revised IDLH |
|-----------------------|---------------|-----------------|
| Proprietary | Not Available | Not Available |
| sodium lauryl sulfate | Not Available | Not Available |
| isopropanol | 2,000 ppm | 2,000 [LEL] ppm |

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 elbow length protective gloves when handling the product. |
| Body protection | See Other protection below |
| Other protection | 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 | Floral | Viscosity (cSt) | Not Available |
| Odour threshold | Not Available | Auto-ignition temperature(°C) | Not Applicable |
| pH (as supplied) | 6 | Decomposition temperature | Not Available |
| Melting point / freezing point (°C) | Not Available | Partition coefficient n-octanol / water | Not Available |
| Initial boiling point and boiling range (°C) | Not Available | Surface Tension (dyn/cm or mN/m) | 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 | Molecular weight (g/mol) | 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

| | |
|---------------------|---|
| Inhalation | The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting |
| Ingestion | Accidental ingestion of the material may be damaging to the health of the individual |
| Skin Contact | The material is not thought to produce adverse health effects following contact (as classified by EC Directives using animal models). |
| Eye | This material can cause eye irritation and damage in some persons. |
| Chronic | There is no relative data listed. |

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Minor ecotoxicity

Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|-----------------------|-------------------------|------------------|
| sodium lauryl sulfate | HIGH | HIGH |

Bio accumulative potential

| Ingredient | Bioaccumulation |
|-----------------------|------------------|
| sodium lauryl sulfate | LOW (BCF = 7.15) |

Mobility in soil

| Ingredient | Mobility |
|-----------------------|-------------------|
| sodium lauryl sulfate | LOW (KOC = 10220) |

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 (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

SECTION 15 REGULATORY INFORMATION

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

SODIUM LAURYL SULFATE (151-21-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

ISOPROPANOL (67-63-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards', 'International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
Australia Inventory of Chemical Substances (AICS)',
Australia Hazardous Substances Information System - Consolidated Lists'

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 |
| BEL: | Biological Exposure Index |

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End of SDS