



SAFETY DATA SHEET

RESTORE

WHYTE SPECIALISED EQUIPMENT

Catalogue number: WH985

Version No: 4.7

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 | RESTORE |
| Synonyms | WH985 |
| Other means of identification | Not Available |

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

| | |
|--------------------------|--|
| Relevant identified uses | Detergent for restoration of smoke affected carpets and soft furnishings |
|--------------------------|--|

Details of the manufacturer/importer

| | |
|-------------------------|--|
| Registered company name | WHYTE SPECIALISED EQUIPMENT |
| Address | Unit 17/19 Cornhill Street, Ferntree Gully, VIC 3156 |
| Telephone | 03 9758 6711 |
| Website | www.carpetcleaningequipment.com.au |
| Email | sales@carpetcleaningequipment.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 | 6 |
| 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 statement(s)

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

Precautionary statement(s) Prevention

| | |
|------|---|
| P280 | Wear protective gloves and eye protection. |
| P262 | Do not get in eyes, on skin or on clothing. |
| P261 | Avoid breathing mist, vapours or spray. |
| P273 | Avoid release to the environment. |

| | |
|------|--|
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
|------|--|

Precautionary statement(s) Response

| | |
|---------------------|---|
| P302+P352+P333+P313 | IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs, get medical advice / attention. |
| P305+P310+P351+P338 | IF IN EYES: Immediately call a POISON CENTRE or doctor. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| P363 | Wash contaminated clothing before reuse. |

Precautionary statement(s) Storage

Precautionary statement(s) Disposal

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

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

| CAS No | %[weight] | Name |
|--------------|-----------|--|
| Trade secret | <10% | <u>Alkaline salts</u> |
| 111-76-2 | <10 | <u>ethylene glycol monobutyl ether</u> |
| Trade secret | <10 | <u>Proprietary surfactant blend</u> |

SECTION 4 FIRST AID MEASURES

Description of first aid measures

| | |
|--------------|--|
| Eye Contact | <p>If this product comes in contact with the eyes:</p> <ul style="list-style-type: none">▶ Immediately hold eyelids apart and flush the eye continuously with 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.▶ Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.▶ If irritation persists get medical advice / attention.▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. |
| Skin Contact | <p>If skin or hair contact occurs:</p> <ul style="list-style-type: none">▶ Immediately flush body and clothes with large amounts of water, using safety shower if necessary.▶ Quickly remove all contaminated clothing, including footwear.▶ Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre.▶ If irritation persists get medical advice / attention. |
| Inhalation | <ul style="list-style-type: none">▶ Inhalation of spray or mist may cause respiratory irritation. If this occurs remove victim to fresh air.▶ If symptoms persist seek medical advice / attention. |
| Ingestion | <ul style="list-style-type: none">▶ 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 patient 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 areas |
|---------------------|--|

Special hazards arising from the substrate or mixture

| | |
|--------------------|--|
| Fire compatibility | Avoid contamination with oxidising agents and strong acids |
|--------------------|--|

Advice for firefighters

| | |
|-----------------------|---|
| Fire Fighting | <p>Alert Fire Brigade and tell them location and nature of hazard.</p> <p>Wear breathing apparatus plus protective gloves in the event of a fire.</p> <p>Prevent, by any means available, spillage from entering drains or water courses.</p> <p>Use firefighting procedures suitable for surrounding area.</p> <p>DO NOT approach containers suspected to be hot.</p> <p>Cool fire exposed containers with water spray from a protected location.</p> <p>If safe to do so, remove containers from path of fire.</p> <p>Equipment should be thoroughly decontaminated after use.</p> |
| Fire/Explosion Hazard | <p>Carbon dioxide (CO2) and other pyrolysis products typical of burning organic material.</p> <p>May emit poisonous fumes.</p> <p>May emit corrosive fumes</p> |

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|--------------|--|
| Minor Spills | ▶ Wash away with copious amounts of water. |
| Major Spills | ▶ Moderate environmental hazard - contain spillage. ▶ Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labeled 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. |
| | Personal Protective Equipment advice is contained in Section 8 of the SDS. |

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

| | |
|-------------------|---|
| Safe handling | ▶ DO NOT allow clothing wet with material to stay in contact with skin ▶ Avoid all personal contact, including inhalation. ▶ Wear protective clothing when risk of exposure occurs. ▶ Use in a well-ventilated area. ▶ Avoid contact with moisture. ▶ Avoid contact with incompatible materials. ▶ Keep containers securely sealed when not in use. ▶ Avoid physical damage to containers. ▶ Always wash hands with soap and water after handling. ▶ Work clothes should be laundered separately. |
| 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 | ▶ Avoid reaction with acids and oxidising agents |

PACKAGE MATERIAL INCOMPATIBILITIES

Not Available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA



| Source | Ingredient | Material name | TWA | STEL | Peak | Notes |
|-------------------|------------|---------------|-----|------|------|-------|
| No data available | | | | | | |

EMERGENCY LIMITS

| Ingredient | Material name | TEEL-1 | TEEL-2 | TEEL-3 |
|-------------------|---------------|--------|--------|--------|
| No data available | | | | |

| Ingredient | Original IDLH | Revised IDLH |
|-------------------|---------------|--------------|
| No data 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 | Chemical goggles. Full face shield may be required for supplementary but never for primary protection of eyes. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. |
| Skin protection | See Hand protection below |

| | |
|------------------------------|--|
| Hands/feet protection | Wear chemical protective gloves, e.g. Butyl or PVC. 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. |
| 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 yellow liquid | | |
| Physical state | Liquid | Relative density (Water = 1) | Not Available |
| Odour | Lemon odour | Partition coefficient n-octanol / water | Not Available |
| Odour threshold | Not Available | Auto-ignition temperature (°C) | |
| pH (as supplied) | 12.3 | Decomposition temperature | |
| Melting point / freezing point (°C) | Not Available | Viscosity (cSt) | |
| 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) | Soluble | 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. |
| 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. The material has NOT been classified by EC Directives or other classification systems as 'harmful by inhalation'. This is because of the lack of corroborating animal or human evidence. |
| Ingestion | The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion. |
| Skin Contact | The material can produce chemical burns following direct contact with the skin. Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions. Open cuts, abraded or irritated skin should not be exposed to this material. Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. |
| Eye | If applied to the eyes, this material causes severe eye damage. Direct eye contact with corrosive bases can cause pain and burns. There may be swelling, epithelium destruction, clouding of the cornea and inflammation of the iris. Mild cases often resolve; severe cases can be prolonged with complications such as persistent swelling, scarring, permanent cloudiness, bulging of the eye, cataracts, eyelids glued to the eyeball and blindness. |
| Chronic | Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems. 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

On the basis of available evidence concerning either toxicity, persistence, potential to accumulate and or observed environmental fate and behaviour, the material may present a danger, immediate or long-term and /or delayed, to the structure and/ or functioning of natural ecosystems.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high watermark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.
Wastes resulting from use of the product must be disposed of on site or at approved waste sites.
DO NOT discharge into sewer or waterways.

Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|------------|---------------------------------------|---------------------------------------|
| | No Data available for all ingredients | No Data available for all ingredients |

Bio accumulative potential

| Ingredient | Bioaccumulation |
|------------|---------------------------------------|
| | No Data available for all ingredients |

Mobility in soil

| Ingredient | Mobility |
|------------|---------------------------------------|
| | No Data available for all ingredients |

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|------------------------------|---|
| Product / container 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

ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

SECTION 16 OTHER INFORMATION

Other information

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End of SDS