

SAFETY DATA SHEET



PERFORMANCE GOLD

ACTICHEM PTY LTD

Catalogue number: AP454

Version No: EP1.3

Issue date 07/12/2021

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 | PERFORMANCE GOLD |
| Synonyms | AP454 |
| Other means of identification | Not Available |

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

| | |
|--------------------------|--|
| Relevant identified uses | Carpet cleaning prespray detergent concentrate |
|--------------------------|--|

Details of the manufacturer/importer

| | |
|-------------------------|---|
| Registered company name | ACTICHEM PTY LTD |
| Address | 11 Gamma Close, Beresfield 2322 NSW Australia |
| Telephone | (02) 4966 5516 |
| 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] | Skin Corrosion/Irritation Category 2, 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)

| | |
|------|-------------------------------|
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |

Precautionary statement(s) Prevention

| | |
|------|--|
| P280 | Wear protective gloves and eye protection. |
|------|--|

Precautionary statement(s) Response

| | |
|--------------------------|--|
| P305+P351+P338+P337+P313 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice / attention. |
| P302+P352+P362+P332+P313 | IF ON SKIN: Wash with plenty of water and soap. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice / attention. |

Precautionary statement(s) Storage

Precautionary statement(s) Disposal

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 |
|-----------|-----------|--|
| 9016-45-9 | <10 | <u>nonylphenol, ethoxylated</u> |
| 111-76-2 | <10 | <u>ethylene glycol monobutyl ether</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 | If this product comes in contact with the eyes: Wash out immediately with fresh running water for 10-15 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. |
| 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, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary. |
| 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 | The product contains a substantial amount 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 | 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. |
|----------------------|--|

| | |
|------------------------------|--|
| 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.</p> <p>Heat may cause expansion or decomposition with violent rupture of containers emit acid smoke.</p> <p>Decomposes on heating and produces toxic fumes of: carbon monoxide (CO), carbon dioxide (CO2), phosphorus oxides (POx) and other pyrolysis products typical of burning organic material</p> <p>May emit corrosive fumes.</p> |
|------------------------------|--|

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|---------------------|---|
| Minor Spills | Flush away with copious amounts of water. |
| Major Spills | 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. |

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.</p> <p>Wear protective clothing when risk of exposure occurs.</p> <p>Avoid contact with incompatible materials.</p> <p>When handling, DO NOT eat, drink or smoke.</p> <p>Keep containers securely sealed when not in use.</p> <p>Avoid physical damage to containers.</p> |
| Other information | |

Conditions for safe storage, including any incompatibilities

| | |
|--------------------------------|--|
| Suitable container | <p>Polyethylene or polypropylene container.</p> <p>Packing as recommended by manufacturer.</p> <p>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 | ethylene glycol monobutyl ether | 2-Butoxyethanol | 96.9 mg/m3 / 20 ppm | 242 mg/m3 / 50 ppm | Not Available | Sk |

EMERGENCY LIMITS

| Ingredient | Material name | TEEL-1 | TEEL-2 | TEEL-3 |
|---------------------------------|---|-----------|-----------|-----------|
| nonylphenol, ethoxylated | Glycols, polyethylene, mono(p-nonylphenol) ether; (Nonoxynol-9) | 9.9 mg/m3 | 110 mg/m3 | 300 mg/m3 |
| ethylene glycol monobutyl ether | Butoxyethanol, 2-; (Glycol ether EB) | 20 ppm | 20 ppm | 700 ppm |

| Ingredient | Original IDLH | Revised IDLH |
|---------------------------------|---------------|----------------|
| nonylphenol, ethoxylated | Not Available | Not Available |
| ethylene glycol monobutyl ether | 700 ppm | 700 [Unch] ppm |

Exposure controls

| | |
|---|---|
| Appropriate engineering controls | <p>Maintain adequate ventilation at all times.</p> <p>In most circumstances natural ventilation systems are adequate.</p> <p>If ventilation is poor, then the use of a local exhaust ventilation system is recommended.</p> |
| Personal protection |   |
| Eye and face protection | <p>Safety glasses with side shields OR Chemical goggles.</p> <p>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.</p> |
| Skin protection | See Hand protection below |
| Hands/feet protection | Wear elbow length chemical protective gloves. Neoprene or butyl are recommended for this application. |

| | |
|-------------------------|---|
| Body protection | See Other protection below |
| Other protection | 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 red liquid | | |
| Physical state | Liquid | Relative density (Water = 1) | Not Available |
| Odour | Fruity cinnamon | Partition coefficient n-octanol / water | Not Available |
| Odour threshold | Not Available | Auto-ignition temperature (°C) | Not Available |
| pH (as supplied) | 9.6 | 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 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 | The material has NOT been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence. |
| Skin Contact | This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition 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 | This material can cause eye irritation and damage in some persons. |
| Chronic | No relative data listed. |

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Not considered to be ecotoxic.

Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|---------------------------------|---------------------------|-----------------------------|
| ethylene glycol monobutyl ether | LOW (Half-life = 56 days) | LOW (Half-life = 1.37 days) |

Bio accumulative potential

| Ingredient | Bioaccumulation |
|---------------------------------|------------------|
| ethylene glycol monobutyl ether | LOW (BCF = 2.51) |

Mobility in soil

| Ingredient | Mobility |
|---------------------------------|----------------|
| ethylene glycol monobutyl ether | HIGH (KOC = 1) |

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

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

nonylphenol, ethoxylated (9016-45-9) 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

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