

## Flight Check Rinsing Agent

Netra Hospitality & Hygiene

Chemwatch: 24-8913

Version No: 2.1.1.1

Safety Data Sheet according to WHS and ADG requirements

Chemwatch Hazard Alert Code: 2

Issue Date: 01/01/2021

Print Date: 01/01/20

S.GHS.AUS.EN

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

#### Product Identifier

|                               |                            |
|-------------------------------|----------------------------|
| Product name                  | Flight Check Rinsing Agent |
| Synonyms                      | Not Available              |
| Other means of identification | Not Available              |

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

|                          |  |
|--------------------------|--|
| Relevant identified uses | Rinse additive for dishwashing machines. |
|--------------------------|--|

#### Details of the supplier of the safety data sheet

|                         |   |
|-------------------------|---|
| Registered company name | Netra Hospitality & Hygiene               |
| Address                 | 1 Duigan Dve. Moorabbin Airport VIC. 3194 |
| Telephone               | +61 3 9587 9200                           |
| Fax                     | +61 3 9587 9300                           |
| Website                 | www.netra.com.au                          |
| Email                   | admin@netra.com.au                        |

#### Emergency telephone number

|                                   |               |
|-----------------------------------|---------------|
| Association / Organisation        | Not Available |
| Emergency telephone numbers       | Not Available |
| Other emergency telephone numbers | Not Available |

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

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

|                  |                |
|------------------|----------------|
| Poisons Schedule | Not Applicable |
| Classification   | Not Applicable |

#### Label elements

|                    |                |
|--------------------|----------------|
| GHS label elements | Not Applicable |
|--------------------|----------------|

|             |                       |
|-------------|-----------------------|
| SIGNAL WORD | <b>NOT APPLICABLE</b> |
|-------------|-----------------------|

#### Hazard statement(s)

Not Applicable

#### Precautionary statement(s) Prevention

Not Applicable

#### Precautionary statement(s) Response

Not Applicable

#### Precautionary statement(s) Storage

Not Applicable

#### Precautionary statement(s) Disposal

Not Applicable

## Flight Check Rinsing Agent

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

## Substances

See section below for composition of Mixtures

## Mixtures

| CAS No        | %[weight] | Name               |
|---------------|-----------|--------------------|
| 67-63-0       | <10       | <u>isopropanol</u> |
| Not Available | <10       | surfactant         |
| Not Available | <10       | blue dye           |
| 7732-18-5     | >60       | <u>water</u>       |

## SECTION 4 FIRST AID MEASURES

## Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | <p>If this product comes in contact with the eyes:</p> <ul style="list-style-type: none"> <li>▶ Wash out immediately with fresh running water.</li> <li>▶ 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.</li> <li>▶ Seek medical attention without delay; if pain persists or recurs seek medical attention.</li> <li>▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>  |
| <b>Skin Contact</b> | <p>If skin or hair contact occurs:</p> <ul style="list-style-type: none"> <li>▶ Flush skin and hair with running water (and soap if available).</li> <li>▶ Seek medical attention in event of irritation.</li> </ul>   |
| <b>Inhalation</b>   | <ul style="list-style-type: none"> <li>▶ If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>▶ Other measures are usually unnecessary.</li> </ul>  |
| <b>Ingestion</b>    | <ul style="list-style-type: none"> <li>▶ <b>If swallowed do NOT induce vomiting.</b></li> <li>▶ If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>▶ Observe the patient carefully.</li> <li>▶ Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>▶ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>▶ Seek medical advice.</li> </ul> |

## Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5 FIREFIGHTING MEASURES

## 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

|                             |            |
|-----------------------------|------------|
| <b>Fire Incompatibility</b> | None known |
|-----------------------------|------------|

## Advice for firefighters

|                              |   |
|------------------------------|---|
| <b>Fire Fighting</b>         | <ul style="list-style-type: none"> <li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li> <li>▶ Wear breathing apparatus plus protective gloves in the event of a fire.</li> <li>▶ Prevent, by any means available, spillage from entering drains or water courses.</li> <li>▶ Use fire fighting procedures suitable for surrounding area.</li> </ul>                                 |
| <b>Fire/Explosion Hazard</b> | <ul style="list-style-type: none"> <li>▶ Non combustible.</li> <li>▶ Not considered to be a significant fire risk.</li> <li>▶ Expansion or decomposition on heating may lead to violent rupture of containers.</li> <li>▶ Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).</li> </ul> <p>Decomposes on heating and produces toxic fumes of; carbon dioxide (CO<sub>2</sub>)</p> |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

## Personal precautions, protective equipment and emergency procedures

See section 8

## Environmental precautions

See section 12

## Methods and material for containment and cleaning up

|                     |   |
|---------------------|---|
| <b>Minor Spills</b> | <p>Slippery when spilt.</p> <ul style="list-style-type: none"> <li>▶ Clean up all spills immediately.</li> <li>▶ Avoid breathing vapours and contact with skin and eyes.</li> <li>▶ Control personal contact with the substance, by using protective equipment.</li> <li>▶ Contain and absorb spill with sand, earth, inert material or vermiculite.</li> </ul> |
|---------------------|---|

|                     |  |
|---------------------|--|
| <b>Major Spills</b> | <p>Slippery when spilt.<br/>Minor hazard.</p> <ul style="list-style-type: none"> <li>▶ Clear area of personnel.</li> <li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li> <li>▶ Control personal contact with the substance, by using protective equipment as required.</li> </ul> |
|---------------------|--|

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

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

|                          |  |
|--------------------------|--|
| <b>Safe handling</b>     | <ul style="list-style-type: none"> <li>▶ Limit all unnecessary personal contact.</li> <li>▶ Wear protective clothing when risk of exposure occurs.</li> <li>▶ Use in a well-ventilated area.</li> <li>▶ Avoid contact with incompatible materials.</li> </ul>    |
| <b>Other information</b> | <ul style="list-style-type: none"> <li>▶ Store in original containers.</li> <li>▶ Keep containers securely sealed.</li> <li>▶ Store in a cool, dry, well-ventilated area.</li> <li>▶ Store away from incompatible materials and foodstuff containers.</li> </ul> |

### Conditions for safe storage, including any incompatibilities

|                                |   |
|--------------------------------|---|
| <b>Suitable container</b>      | <ul style="list-style-type: none"> <li>▶ Polyethylene or polypropylene container.</li> <li>▶ Packing as recommended by manufacturer.</li> <li>▶ Check all containers are clearly labelled and free from leaks.</li> </ul> |
| <b>Storage incompatibility</b> | None known  |

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### OCCUPATIONAL EXPOSURE LIMITS (OEL)

#### INGREDIENT DATA

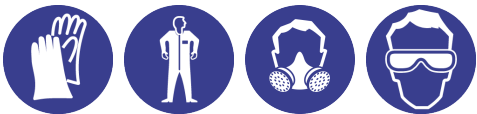
| Source                       | Ingredient  | Material name     | TWA                             | STEL                             | Peak          | Notes         |
|------------------------------|-------------|-------------------|---------------------------------|----------------------------------|---------------|---------------|
| Australia Exposure Standards | isopropanol | Isopropyl alcohol | 983 mg/m <sup>3</sup> / 400 ppm | 1230 mg/m <sup>3</sup> / 500 ppm | Not Available | Not Available |

#### EMERGENCY LIMITS

| Ingredient  | Material name     | TEEL-1  | TEEL-2  | TEEL-3    |
|-------------|-------------------|---------|---------|-----------|
| isopropanol | Isopropyl alcohol | 400 ppm | 400 ppm | 12000 ppm |

| Ingredient  | Original IDLH | Revised IDLH    |
|-------------|---------------|-----------------|
| isopropanol | 12,000 ppm    | 2,000 [LEL] ppm |
| surfactant  | Not Available | Not Available   |
| blue dye    | Not Available | Not Available   |
| water       | Not Available | Not Available   |

### Exposure controls

|   |  |
|---|--|
| <b>Appropriate engineering controls</b> | <p>Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.</p> <p>The basic types of engineering controls are:</p> <p>Process controls which involve changing the way a job activity or process is done to reduce the risk.</p> <p>Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.</p> |
| <b>Personal protection</b>              |   |
| <b>Eye and face protection</b>          | <ul style="list-style-type: none"> <li>▶ Safety glasses with side shields; or as required,</li> <li>▶ Chemical goggles.</li> <li>▶ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience.</li> </ul>  |
| <b>Skin protection</b>                  | See Hand protection below  |
| <b>Hands/feet protection</b>            | Wear protective gloves, e.g. PVC.  |
| <b>Body protection</b>                  | See Other protection below   |
| <b>Other protection</b>                 | <p>No special equipment needed when handling small quantities.</p> <p><b>OTHERWISE:</b></p> <ul style="list-style-type: none"> <li>▶ Overalls.</li> <li>▶ Barrier cream.</li> <li>▶ Eyewash unit.</li> </ul>   |
| <b>Thermal hazards</b>                  | Not Available  |

## Flight Check Rinsing Agent

### Recommended material(s)

#### GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:

"Forsberg Clothing Performance Index".

The effect(s) of the following substance(s) are taken into account in the **computer-generated** selection:

Flight Check Rinsing Agent

| Material       | CPI |
|----------------|-----|
| NEOPRENE       | A   |
| NATURAL RUBBER | C   |

\* CPI - Chemwatch Performance Index

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion

**NOTE:** As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -

\* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

### Respiratory protection

Type A Filter of sufficient capacity, (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required.

Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

| Required Minimum Protection Factor | Half-Face Respirator | Full-Face Respirator | Powered Air Respirator |
|------------------------------------|----------------------|----------------------|------------------------|
| up to 10 x ES                      | Air-line*            | A-2                  | A-PAPR-2 ^             |
| up to 20 x ES                      | -                    | A-3                  | -                      |
| 20+ x ES                           | -                    | Air-line**           | -                      |

\* - Continuous-flow; \*\* - Continuous-flow or positive pressure demand

^ - Full-face

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO<sub>2</sub>), G = Agricultural chemicals, K = Ammonia(NH<sub>3</sub>), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|   |                                      |  |                |
|---|--------------------------------------|--|----------------|
| <b>Appearance</b>                                   | Clear blue liquid; mixes with water. |  |                |
| <b>Physical state</b>                               | Liquid                               | <b>Relative density (Water = 1)</b>            | 1.03           |
| <b>Odour</b>  | Not Available                        | <b>Partition coefficient n-octanol / water</b> | Not Available  |
| <b>Odour threshold</b>                              | Not Available                        | <b>Auto-ignition temperature (°C)</b>          | Not Available  |
| <b>pH (as supplied)</b>                             | ~7                                   | <b>Decomposition temperature</b>               | Not Available  |
| <b>Melting point / freezing point (°C)</b>          | 0                                    | <b>Viscosity (cSt)</b>                         | Not Available  |
| <b>Initial boiling point and boiling range (°C)</b> | 90                                   | <b>Molecular weight (g/mol)</b>                | Not Applicable |
| <b>Flash point (°C)</b>                             | Not Available                        | <b>Taste</b>                                   | Not Available  |
| <b>Evaporation rate</b>                             | Not Available                        | <b>Explosive properties</b>                    | Not Available  |
| <b>Flammability</b>                                 | Not Available                        | <b>Oxidising properties</b>                    | Not Available  |
| <b>Upper Explosive Limit (%)</b>                    | Not Available                        | <b>Surface Tension (dyn/cm or mN/m)</b>        | Not Available  |
| <b>Lower Explosive Limit (%)</b>                    | Not Available                        | <b>Volatile Component (%vol)</b>               | Not Available  |
| <b>Vapour pressure (kPa)</b>                        | Not Available                        | <b>Gas group</b>                               | Not Available  |
| <b>Solubility in water (g/L)</b>                    | Miscible                             | <b>pH as a solution (1%)</b>                   | Not Available  |
| <b>Vapour density (Air = 1)</b>                     | Not Available                        | <b>VOC g/L</b>                                 | Not Available  |

## SECTION 10 STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                         | See section 7   |
| <b>Chemical stability</b>                 | Product is considered stable and hazardous polymerisation will not occur. |
| <b>Possibility of hazardous reactions</b> | See section 7   |
| <b>Conditions to avoid</b>                | See section 7   |
| <b>Incompatible materials</b>             | See section 7   |
| <b>Hazardous decomposition products</b>   | See section 5   |

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

|                  |   |
|------------------|---|
| <b>Inhaled</b>   | The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified by EC Directives using animal models). Nevertheless, adverse systemic effects have been produced following exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Not normally a hazard due to non-volatile nature of product |
| <b>Ingestion</b> | Accidental ingestion of the material may be damaging to the health of the individual. Overexposure to non-ring alcohols causes nervous system symptoms. These include headache, muscle weakness and inco-ordination, giddiness, confusion, delirium and coma.   |

## Flight Check Rinsing Agent

|                                   |   |                                   |
|-----------------------------------|---|-----------------------------------|
| <b>Skin Contact</b>               | The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. 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. |                                   |
| <b>Eye</b>                        | There is some evidence to suggest that this material can cause eye irritation and damage in some persons.   |                                   |
| <b>Chronic</b>                    | Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.  |                                   |
| <b>Flight Check Rinsing Agent</b> | <b>TOXICITY</b>   | <b>IRRITATION</b>                 |
|                                   | Not Available   | Not Available                     |
| <b>isopropanol</b>                | <b>TOXICITY</b>   | <b>IRRITATION</b>                 |
|                                   | Dermal (rabbit) LD50: 12792 mg/kg <sup>[1]</sup>  | Eye (rabbit): 10 mg - moderate    |
|                                   | Inhalation (rat) LC50: 72.6 mg/L/4hr <sup>[2]</sup>   | Eye (rabbit): 100 mg - SEVERE     |
|                                   | Oral (rat) LD50: 5000 mg/kg <sup>[2]</sup>  | Eye (rabbit): 100mg/24hr-moderate |
| <b>water</b>                      | <b>TOXICITY</b>   | <b>IRRITATION</b>                 |
|                                   | Oral (rat) LD50: >90000 mg/kg <sup>[2]</sup>  | Not Available                     |

**Legend:** 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.\* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

|                    |   |
|--------------------|---|
| <b>ISOPROPANOL</b> | Isopropanol is irritating to the eyes, nose and throat but generally not to the skin. Prolonged high dose exposure may also produce depression of the central nervous system and drowsiness. Few have reported skin irritation. It can be absorbed from the skin or when inhaled. The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin. The substance is classified by IARC as Group 3: <b>NOT</b> classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing. |
| <b>WATER</b>       | No significant acute toxicological data identified in literature search.  |

|  |   |                                 |   |
|--|---|---------------------------------|---|
| <b>Acute Toxicity</b>                    | ☐ | <b>Carcinogenicity</b>          | ☐ |
| <b>Skin Irritation/Corrosion</b>         | ☐ | <b>Reproductivity</b>           | ☐ |
| <b>Serious Eye Damage/Irritation</b>     | ☐ | <b>STOT - Single Exposure</b>   | ☐ |
| <b>Respiratory or Skin sensitisation</b> | ☐ | <b>STOT - Repeated Exposure</b> | ☐ |
| <b>Mutagenicity</b>                      | ☐ | <b>Aspiration Hazard</b>        | ☐ |

**Legend:** ✘ – Data available but does not fill the criteria for classification  
✔ – Data required to make classification available  
☐ – Data Not Available to make classification

## SECTION 12 ECOLOGICAL INFORMATION

## Toxicity

| Ingredient  | Endpoint | Test Duration (hr) | Species                       | Value        | Source |
|-------------|----------|--------------------|-------------------------------|--------------|--------|
| isopropanol | EC50     | 384                | Crustacea                     | 42.389mg/L   | 3      |
| isopropanol | EC50     | 96                 | Algae or other aquatic plants | 993.232mg/L  | 3      |
| isopropanol | LC50     | 96                 | Fish                          | 183.844mg/L  | 3      |
| isopropanol | NOEC     | 5760               | Fish                          | 0.02mg/L     | 4      |
| isopropanol | EC50     | 48                 | Crustacea                     | 12500mg/L    | 5      |
| water       | EC50     | 384                | Crustacea                     | 199.179mg/L  | 3      |
| water       | EC50     | 96                 | Algae or other aquatic plants | 8768.874mg/L | 3      |
| water       | LC50     | 96                 | Fish                          | 897.520mg/L  | 3      |

**Legend:** Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

**DO NOT** discharge into sewer or waterways.

## Persistence and degradability

| Ingredient  | Persistence: Water/Soil   | Persistence: Air         |
|-------------|---------------------------|--------------------------|
| isopropanol | LOW (Half-life = 14 days) | LOW (Half-life = 3 days) |
| water       | LOW                       | LOW                      |

## Bioaccumulative potential

Continued...

## Flight Check Rinsing Agent

| Ingredient  | Bioaccumulation      |
|-------------|----------------------|
| isopropanol | LOW (LogKOW = 0.05)  |
| water       | LOW (LogKOW = -1.38) |

### Mobility in soil

| Ingredient  | Mobility          |
|-------------|-------------------|
| isopropanol | HIGH (KOC = 1.06) |
| water       | LOW (KOC = 14.3)  |

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

| Product / Packaging disposal |   |
|------------------------------|---|
|                              | <ul style="list-style-type: none"> <li>▶ Recycle wherever possible.</li> <li>▶ Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.</li> <li>▶ Dispose of by: burial in a land-fill specifically licenced to accept chemical and / or pharmaceutical wastes or incineration in a licenced apparatus (after admixture with suitable combustible material).</li> <li>▶ Decontaminate empty containers.</li> </ul> |

## SECTION 14 TRANSPORT INFORMATION

### Labels Required

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

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

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

## SECTION 15 REGULATORY INFORMATION

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

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

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

#### WATER(7732-18-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

| Australia Inventory of Chemical Substances (AICS) |   |
|---|---|
| National Inventory                                | Status  |
| Australia - AICS                                  | Y   |
| Canada - DSL                                      | Y   |
| Canada - NDSL                                     | N (water; isopropanol)  |
| China - IECSC                                     | Y   |
| Europe - EINEC / ELINCS / NLP                     | Y   |
| Japan - ENCS                                      | N (water)   |
| Korea - KECI                                      | Y   |
| New Zealand - NZIoC                               | Y   |
| Philippines - PICCS                               | Y   |
| USA - TSCA  | Y   |
| <b>Legend:</b>                                    | Y = All ingredients are on the inventory<br>N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets) |

## 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](http://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 Governmental Industrial Hygienists  
STEL: Short Term Exposure Limit  
TEEL: Temporary Emergency Exposure Limit,  
IDLH: Immediately Dangerous to Life or Health Concentrations  
OSF: Odour Safety Factor  
NOAEL :No Observed Adverse Effect Level  
LOAEL: Lowest Observed Adverse Effect Level  
TLV: Threshold Limit Value  
LOD: Limit Of Detection  
OTV: Odour Threshold Value  
BCF: BioConcentration Factors  
BEI: Biological Exposure Index