



## Elmax Initial 2

Elite Surface Technologies Pty Limited

Version No: 2.3

Safety Data Sheet according to WHS and ADG requirements

Chemwatch Hazard Alert Code: 2

Issue Date: 1/07/2026

S.GHS.AUS.EN

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

#### Product Identifier

|                               |                                       |
|-------------------------------|---------------------------------------|
| Product name                  | Elmax Initial 2                       |
| Synonyms                      | Electroless Nickel Concentrate Part B |
| Other means of identification | Clear Liquid                          |

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

|                          |                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------|
| Relevant identified uses | Specialty chemical used in industry for surface finishing as per Technical Data Sheet. |
|--------------------------|----------------------------------------------------------------------------------------|

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

#### Product Supplied By

|                         |                                                                                               |                                                                              |
|-------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Registered company name | Elite Surface Technologies Pty Limited                                                        | Caswell Australia Pty Ltd                                                    |
| Address                 | 305 Frankston Dandenong Rd Dandenong South VIC 3175 Australia                                 | 1 / 51 ELM PARK DRIVE, HOPPERS CROSSING, VIC 3029 AUSTRALIA                  |
| Telephone               | +61 3 9768 3860                                                                               | 03 9741 7103                                                                 |
| Fax                     | +61 3 9768 2896                                                                               | n / a                                                                        |
| Website                 | <a href="https://elitesurfacetechologies.com.au/">https://elitesurfacetechologies.com.au/</a> | <a href="http://caswellplating.com.au">caswellplating.com.au</a>             |
| Email                   | <a href="mailto:elite@elitesurtech.com.au">elite@elitesurtech.com.au</a>                      | <a href="mailto:sales@caswellplating.com.au">sales@caswellplating.com.au</a> |

#### Emergency telephone number

|                                   |                 |                           |
|-----------------------------------|-----------------|---------------------------|
| Association / Organisation        | Not Available   | Caswell Australia Pty Ltd |
| Emergency telephone numbers       | +61 418 474 492 | 03 9741 7103              |
| Other emergency telephone numbers | +61 419 301 019 | 0427 70 80 90             |

### 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.**

#### CHEMWATCH HAZARD RATINGS

|              | Min | Max |
|--------------|-----|-----|
| Flammability | 0   |     |
| Toxicity     | 0   |     |
| Body Contact | 0   |     |
| Reactivity   | 2   |     |
| Chronic      | 0   |     |

0 = Minimum  
1 = Low  
2 = Moderate  
3 = High  
4 = Extreme

|                               |                |
|-------------------------------|----------------|
| Poisons Schedule              | Not Applicable |
| Classification <sup>[1]</sup> | Not Applicable |

#### Label elements

|                     |                |
|---------------------|----------------|
| Hazard pictogram(s) | Not Applicable |
|---------------------|----------------|

|             |                |
|-------------|----------------|
| SIGNAL WORD | NOT APPLICABLE |
|-------------|----------------|

#### Hazard statement(s)

Not Applicable

#### Precautionary statement(s) Prevention

Not Applicable

#### Precautionary statement(s) Response

Continued...

Not Applicable

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Not Applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

| CAS No     | %[weight] | Name                 |
|------------|-----------|----------------------|
| 10039-56-2 | >5        | sodium hypophosphite |
| 10099-74-8 |           | lead nitrate         |

SECTION 4 FIRST AID MEASURES

Description of first aid measures

|              |                                                                                                                                                                                                                                                                                             |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact  | If this product comes in contact with eyes: <ul style="list-style-type: none"><li>Wash out immediately with water.</li><li>If irritation continues, seek medical attention.</li><li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li></ul> |
| Skin Contact | If skin or hair contact occurs: <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>                                                                                      |
| Inhalation   | <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>                                                                                                        |
| Ingestion    | <ul style="list-style-type: none"><li>Immediately give a glass of water.</li><li>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</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

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

Advice for firefighters

|                       |                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Fighting         | <ul style="list-style-type: none"><li>Use water delivered as a fine spray to control fire and cool adjacent area.</li><li><b>Do not</b> approach containers suspected to be hot.</li><li>Cool fire exposed containers with water spray from a protected location.</li><li>If safe to do so, remove containers from path of fire.</li></ul> |
| Fire/Explosion Hazard | <p><b>WARNING:</b> May <b>EXPLODE</b> on heating!!!</p> <ul style="list-style-type: none"><li>Non combustible.</li><li>Not considered a significant fire risk, however containers may burn.</li></ul> <p>Decomposition may produce toxic fumes of:</p> <p>phosphorus oxides (POx)</p>                                                      |
| HAZCHEM               | Not Applicable                                                                                                                                                                                                                                                                                                                             |

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

|              |                                                                                                                                                                                                                                                                                                                        |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minor Spills | <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> |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## Major Spills

- ▶ Clear area of personnel and move upwind.
- ▶ Alert Fire Brigade and tell them location and nature of hazard.
- ▶ Control personal contact with the substance, by using protective equipment.
- ▶ Prevent spillage from entering drains, sewers or water courses.

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

## SECTION 7 HANDLING AND STORAGE

## Precautions for safe handling

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe handling     | <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> |
| Other information |                                                                                                                                                                                                                                                               |

## Conditions for safe storage, including any incompatibilities

|                         |                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable container      | <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> |
| Storage incompatibility | Avoid contamination of water, foodstuffs, feed or seed.<br>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 | lead nitrate | Lead, inorganic dusts & fumes (as Pb) | 0.15 mg/m3 | Not Available | Not Available | Not Available |

## EMERGENCY LIMITS

| Ingredient           | Material name                | TEEL-1     | TEEL-2    | TEEL-3      |
|----------------------|------------------------------|------------|-----------|-------------|
| sodium hypophosphite | Sodium hypophosphite hydrate | 5.2 mg/m3  | 57 mg/m3  | 340 mg/m3   |
| sodium hypophosphite | Sodium hypophosphite         | 5.2 mg/m3  | 57 mg/m3  | 340 mg/m3   |
| lead nitrate         | Lead nitrate                 | 0.24 mg/m3 | 180 mg/m3 | 1,100 mg/m3 |

| Ingredient           | Original IDLH | Revised IDLH  |
|----------------------|---------------|---------------|
| sodium hypophosphite | Not Available | Not Available |
| lead nitrate         | 100 mg/m3     | Not Available |

## Exposure controls

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | <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> |
| Personal protection              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Eye and face protection          | <ul style="list-style-type: none"> <li>▶ Safety glasses with side shields</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>                                                                                                                                                                     |
| Skin protection                  | See Hand protection below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Hands/feet protection            | <p>Wear general protective gloves, eg. light weight rubber gloves.</p> <p>The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.</p> <p>The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.</p> <p>Personal hygiene is a key element of effective hand care.</p>  |
| Body protection                  | See Other protection below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Other protection                 | <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Continued...

|                 |               |
|-----------------|---------------|
| Thermal hazards | Not Available |
|-----------------|---------------|

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

|                                              |                         |                                         |               |
|----------------------------------------------|-------------------------|-----------------------------------------|---------------|
| Appearance                                   | Clear colourless liquid |                                         |               |
| Physical state                               | Liquid                  | Relative density (Water = 1)            | 1.2-1.23      |
| Odour                                        | Not Available           | Partition coefficient n-octanol / water | Not Available |
| Odour threshold                              | Not Available           | Auto-ignition temperature (°C)          | Not Available |
| pH (as supplied)                             | 5.0-5.5                 | Decomposition temperature               | Not Available |
| Melting point / freezing point (°C)          | 0                       | Viscosity (cSt)                         | Not Available |
| Initial boiling point and boiling range (°C) | Not Available           | Molecular weight (g/mol)                | Not Available |
| Flash point (°C)                             | Not Available           | Taste                                   | Not Available |
| Evaporation rate                             | Not Available           | Explosive properties                    | Not Available |
| Flammability                                 | Not Available           | Oxidising properties                    | Not Available |
| Upper Explosive Limit (%)                    | Not Available           | Surface Tension (dyn/cm or mN/m)        | Not Available |
| Lower Explosive Limit (%)                    | Not Available           | 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                 | Product is considered stable and 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 <b>NOT</b> 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 | 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.             |
| Eye          | Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).                                                                                          |
| Chronic      | 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.                                                                            |

|                      |                                            |               |
|----------------------|--------------------------------------------|---------------|
| Elmax Initial 2      | TOXICITY                                   | IRRITATION    |
|                      | Not Available                              | Not Available |
| sodium hypophosphite | TOXICITY                                   | IRRITATION    |
|                      | Oral (rat) LD50: 7640 mg/kg <sup>[2]</sup> | Not Available |
| lead nitrate         | TOXICITY                                   | IRRITATION    |
|                      | Not Available                              | 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 |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                      |                                       |
|----------------------|---------------------------------------|
| SODIUM HYPOPHOSPHITE | for monohydrate RTECS No.: SZ 5640000 |
|----------------------|---------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |   |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---|--|--|
| LEAD NITRATE                                                                                                                                                                                                                                                                                                                                                                                                                            | Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound. Main criteria for diagnosing RADS include the absence of previous airways disease in a non-atopic individual, with sudden onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. Other criteria for diagnosis of RADS include a reversible airflow pattern on lung function tests, moderate to severe bronchial hyperreactivity on methacholine challenge testing, and the lack of minimal lymphocytic inflammation, without eosinophilia. |                          |   |  |  |
| Acute Toxicity                                                                                                                                                                                                                                                                                                                                                                                                                          | ⊘                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Carcinogenicity          | ⊘ |  |  |
| Skin Irritation/Corrosion                                                                                                                                                                                                                                                                                                                                                                                                               | ⊘                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Reproductivity           | ⊘ |  |  |
| Serious Eye Damage/Irritation                                                                                                                                                                                                                                                                                                                                                                                                           | ⊘                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | STOT - Single Exposure   | ⊘ |  |  |
| Respiratory or Skin sensitisation                                                                                                                                                                                                                                                                                                                                                                                                       | ⊘                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | STOT - Repeated Exposure | ⊘ |  |  |
| Mutagenicity                                                                                                                                                                                                                                                                                                                                                                                                                            | ⊘                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Aspiration Hazard        | ⊘ |  |  |
| <b>Legend:</b>  – Data available but does not fill the criteria for classification<br> – Data available to make classification<br> – Data Not Available to make classification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |   |  |  |

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

|                                                                                                                                                                                                                                                                                                                                                                                                   |               |                    |                               |               |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------|-------------------------------|---------------|---------------|
| Elmax Initial 2                                                                                                                                                                                                                                                                                                                                                                                   | ENDPOINT      | TEST DURATION (HR) | SPECIES                       | VALUE         | SOURCE        |
|                                                                                                                                                                                                                                                                                                                                                                                                   | Not Available | Not Available      | Not Available                 | Not Available | Not Available |
| sodium hypophosphite                                                                                                                                                                                                                                                                                                                                                                              | ENDPOINT      | TEST DURATION (HR) | SPECIES                       | VALUE         | SOURCE        |
|                                                                                                                                                                                                                                                                                                                                                                                                   | EC0           | 48                 | Crustacea                     | ca.940mg/L    | 1             |
| lead nitrate                                                                                                                                                                                                                                                                                                                                                                                      | ENDPOINT      | TEST DURATION (HR) | SPECIES                       | VALUE         | SOURCE        |
|                                                                                                                                                                                                                                                                                                                                                                                                   | LC50          | 96                 | Fish                          | 0.0079mg/L    | 2             |
|                                                                                                                                                                                                                                                                                                                                                                                                   | EC50          | 48                 | Crustacea                     | 0.029mg/L     | 2             |
|                                                                                                                                                                                                                                                                                                                                                                                                   | EC50          | 72                 | Algae or other aquatic plants | 0.0205mg/L    | 2             |
|                                                                                                                                                                                                                                                                                                                                                                                                   | BCF           | 504                | Algae or other aquatic plants | 99.36mg/L     | 4             |
|                                                                                                                                                                                                                                                                                                                                                                                                   | NOEC          | 720                | Fish                          | 0.0009mg/L    | 2             |
| Legend: Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - 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 |               |                    |                               |               |               |

Persistence and degradability

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

Bioaccumulative potential

|              |                 |
|--------------|-----------------|
| Ingredient   | Bioaccumulation |
| lead nitrate | LOW (BCF = 250) |

Mobility in soil

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

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product / Packaging disposal | Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.<br>A Hierarchy of Controls seems to be common - the user should investigate: <ul style="list-style-type: none"><li>▶ Reduction</li><li>▶ Reuse</li><li>▶ Recycling</li><li>▶ Disposal (if all else fails)</li></ul> This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. <ul style="list-style-type: none"><li>▶ <b>DO NOT allow wash water from cleaning or process equipment to enter drains.</b></li><li>▶ It may be necessary to collect all wash water for treatment before disposal.</li><li>▶ In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.</li><li>▶ Where in doubt contact the responsible authority.</li><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 licensed to accept chemical and / or pharmaceutical wastes or incineration in a licensed apparatus (after</li></ul> |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- ▶ admixture with suitable combustible material).
- ▶ Decontaminate empty containers.

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

SODIUM HYPOPHOSPHITE(10039-56-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

LEAD NITRATE(10099-74-8) 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 |

| National Inventory            | Status                                                                                                                                                                                   |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Australia - AICS              | Y                                                                                                                                                                                        |
| Canada - DSL                  | Y                                                                                                                                                                                        |
| Canada - NDSL                 | N (lead nitrate; sodium hypophosphite)                                                                                                                                                   |
| China - IECSC                 | Y                                                                                                                                                                                        |
| Europe - EINEC / ELINCS / NLP | Y                                                                                                                                                                                        |
| Japan - ENCS                  | Y                                                                                                                                                                                        |
| Korea - KECI                  | Y                                                                                                                                                                                        |
| New Zealand - NZIoC           | Y                                                                                                                                                                                        |
| Philippines - PICCS           | Y                                                                                                                                                                                        |
| USA - TSCA                    | Y                                                                                                                                                                                        |
| Legend:                       | 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

Ingredients with multiple cas numbers

| Name                 | CAS No                                         |
|----------------------|------------------------------------------------|
| sodium hypophosphite | 7681-53-0, 10039-56-2, 123333-67-5, 73945-41-2 |

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.

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

## Elmax Initial 2

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