

## SECTION 1: PRODUCT IDENTIFICATION

|                            |  |
|----------------------------|--|
| <b>PRODUCT NAME</b>        | <b>FD &amp; C YELLOW NO.6 (Sunset Yellow FCF) (Aluminum Lake Powder)</b>   |
| <b>PRODUCT CODE</b>        | <b>2744</b>  |
| <b>SUPPLIER</b>            | <b>MEDISCA Inc.</b><br>Tel.: 1.800.932.1039   Fax.: 1.855.850.5855<br>626 Tom Miller Road, Plattsburgh, NY, 12901<br><b>MEDISCA Pharmaceutique Inc.</b><br>Tel.: 1.800.665.6334   Fax.: 514.338.1693<br>4509 Rue Dobrin, St. Laurent, QC, H4R 2L8<br><b>MEDISCA Australia PTY LTD</b><br>Tel.: 1.300.786.392   Fax.: 61.2.9700.9047<br>Unit 7, Heritage Business Park<br>5-9 Ricketty Street, Mascot, NSW 2020 |
| <b>EMERGENCY PHONE</b>     | CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300<br>NSW Poisons Information Centre: 131 126<br>National Chemical Emergency Centre 44(0)1235239670   |
| <b>RECOMMENDED USES</b>    | Pharmaceutical Manufacturing   |
| <b>RESTRICTIONS ON USE</b> | Not applicable   |

## SECTION 2: HAZARDS IDENTIFICATION

|   |   |  |
|---|---|--|
| <b>GHS CLASSIFICATION</b>   | Based on available data, the classification criteria are not met  |  |
| <b>PICTOGRAM</b>  | Not Applicable  |  |
| <b>SIGNAL WORD</b>  | Not applicable  |  |
| <b>HAZARD STATEMENT(S)</b>  | May cause an allergic reaction.   |  |
| <b>ADVERSE PHYSIOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS</b> | Not applicable  |  |
| <b>PRECAUTIONARY STATEMENT(S)</b>                                     | <b>Prevention</b><br>Do not breathe dust or mist.<br>Wash thoroughly after handling.<br>Wear protective gloves, protective clothing, eye protection and face protection.  |  |
|   | <b>Response</b><br>IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.<br>IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or medical professional.<br>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |  |
|   | <b>Storage</b>  | Not applicable   |
|   | <b>Disposal</b>   | Dispose of contents and/or container in accordance with local regulations. |
| <b>HMS CLASSIFICATION</b>   | <b>Health Hazard</b>  | <b>Flammability</b>  |
|   | 1   | 0  |

**Reactivity**

0

**Personal Protection**

E

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <b>CHEMICAL NAME</b>               | Aluminum 6-oxido-5-[(E)-(4-sulfonatophenyl)diazenyl]-2-naphtalenesulfonate   |               |             |           |             |                                    |            |           |     |
|------------------------------------|--|---------------|-------------|-----------|-------------|------------------------------------|------------|-----------|-----|
| <b>BOTANICAL NAME</b>              | Not applicable   |               |             |           |             |                                    |            |           |     |
| <b>SYNONYM</b>                     | CI Food Yellow 3; CI No. 15985:1   |               |             |           |             |                                    |            |           |     |
| <b>CHEMICAL FORMULA</b>            | C <sub>16</sub> H <sub>9</sub> AlN <sub>2</sub> O <sub>7</sub> S <sub>2</sub>  |               |             |           |             |                                    |            |           |     |
| <b>CHEMICAL FAMILY</b>             | Monoazo dye in Alumina   |               |             |           |             |                                    |            |           |     |
| <b>CAS NUMBER</b>                  | 15790-07-5   |               |             |           |             |                                    |            |           |     |
| <b>ALTERNATE CAS NUMBER</b>        | Not applicable   |               |             |           |             |                                    |            |           |     |
| <b>MOLECULAR WEIGHT</b>            | 432.368  |               |             |           |             |                                    |            |           |     |
| <b>COMPOSITION</b>                 | <table border="1"> <thead> <tr> <th>CHEMICAL NAME</th> <th>CAS NUMBER</th> <th>EC NUMBER</th> <th>% BY WEIGHT</th> </tr> </thead> <tbody> <tr> <td>FD &amp; C YELLOW No.6 (Aluminum Lake)</td> <td>15790-07-5</td> <td>239-888-1</td> <td>100</td> </tr> </tbody> </table> | CHEMICAL NAME | CAS NUMBER  | EC NUMBER | % BY WEIGHT | FD & C YELLOW No.6 (Aluminum Lake) | 15790-07-5 | 239-888-1 | 100 |
| CHEMICAL NAME                      | CAS NUMBER   | EC NUMBER     | % BY WEIGHT |           |             |                                    |            |           |     |
| FD & C YELLOW No.6 (Aluminum Lake) | 15790-07-5   | 239-888-1     | 100         |           |             |                                    |            |           |     |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as health hazards and hence require reporting in this section.

**NOTES**

The aluminium lake of the colour could add to the daily intake of aluminium for which a TWI of 1 mg aluminium/kg bw/week has been established (EFSA, 2008b).

### SECTION 4: FIRST-AID MEASURES

|  |   |
|--|---|
| <b>IN CASE OF EYE CONTACT</b>                  | Flush with copious amounts of water for 15 minutes, separating eyelids with fingers. If irritation persists seek medical aid. |
| <b>IN CASE OF SKIN CONTACT</b>                 | Wash with soap & water for 15 minutes. If irritation persists seek medical aid.   |
| <b>IF SWALLOWED</b>                            | Call a physician. Wash out mouth with water. Do not induce vomiting without medical advice.                                   |
| <b>IF INHALED</b>                              | Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician  |
| <b>MEDICAL ATTENTION AND SPECIAL TREATMENT</b> | Get emergency medical help.   |
| <b>SYMPTOMS CAUSED BY EXPOSURE</b>             | Not expected to present a significant hazard under anticipated conditions of normal use.                                      |

### SECTION 5: FIREFIGHTING MEASURES

|  |  |
|--|--|
| <b>SPECIFIC HAZARDS ARISING FROM THE CHEMICAL</b>    | May form combustible dust-air mixtures.  |
| <b>FLAMMABLE PROPERTIES</b>                          | May be combustible at high temperature.  |
| <b>HAZARDOUS COMBUSTION PRODUCTS</b>                 | Under fire conditions, hazardous fumes will be present.  |
| <b>SUITABLE &amp; UNSUITABLE EXTINGUISHING MEDIA</b> | <b>Small fire:</b> dry chemical, CO <sub>2</sub> or water spray. <b>Large fire:</b> dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray. Do not get water inside containers. |

**PROTECTIVE EQUIPMENT AND  
PRECAUTIONS FOR  
FIREFIGHTERS**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**
**PERSONAL PRECAUTIONS**

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**METHODS & MATERIAL FOR  
CONTAINMENT**

On land, sweep or shovel into suitable containers. Minimize generation of dust.

**CLEANUP PROCEDURE**

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Shut off all sources of ignition. Evacuate the area. If necessary, employ water fog to disperse the vapors. Absorb the matter with compatible vermiculite or other absorbing material. Place in a suitable container and retain for disposal. Ventilate and clean the affected area. Do not flush into sewerage system or to drains.

**REFERENCE TO OTHER  
SECTIONS**

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

**SECTION 7: HANDLING AND STORAGE**
**PRECAUTIONS FOR SAFE  
HANDLING**

Do not inhale. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Store away from incompatible materials, in a well-ventilated area. Eliminate all sources of ignition. Store in accordance with local regulations. Do not store in unlabeled containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate containment to avoid environmental contamination.

**CONDITIONS FOR SAFE  
STORAGE**

Store away from incompatible materials, in a well-ventilated area. Eliminate all sources of ignition. Store in accordance with local regulations. Do not store in unlabeled containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate containment to avoid environmental contamination.

**STORAGE CONDITIONS**

Store in original container, tightly sealed, protected from direct sunlight and moisture.

**SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Chemical Name: FD & C YELLOW No.6 (Aluminum Lake) CAS #: 15790-07-5

|        | Country     | Limit value-8 hours |                   | Limit value-Short Term |                   | IDLH | REL | Advisory | Notes |
|--------|-------------|---------------------|-------------------|------------------------|-------------------|------|-----|----------|-------|
|        |             | ppm                 | mg/m <sup>3</sup> | ppm                    | mg/m <sup>3</sup> |      |     |          |       |
| OSHA   | USA         | N/L                 | N/L               | N/L                    | N/L               | N/L  | N/L | N/A      | N/A   |
| ACGIH  | USA         | N/L                 | N/L               | N/L                    | N/L               | N/L  | N/L | N/A      | N/A   |
| NIOSH  | USA         | N/L                 | N/L               | N/L                    | N/L               | N/L  | N/L | N/A      | N/A   |
| WEEL   | USA         | N/L                 | N/L               | N/L                    | N/L               | N/L  | N/L | N/A      | N/A   |
| HSIS   | Australia   | N/L                 | N/L               | N/L                    | N/L               | N/L  | N/L | N/A      | N/A   |
| HSE    | UK          | N/L                 | N/L               | N/L                    | N/L               | N/L  | N/L | N/A      | N/A   |
| GESTIS | Add Country | N/L                 | N/L               | N/L                    | N/L               | N/L  | N/L | N/A      | N/A   |

N/L = Not listed ; N/A = Not Available

PELs are 8-hour TWAs = Limit value - Eight hours

Ceiling or Short-Term TWA = STEL = Limit value - Short term

|                                      |  |
|--------------------------------------|--|
| <b>EXPOSURE GUIDELINES</b>           | Consult local authorities for provincial or state exposure limits. Particulates not otherwise regulated, respirable fraction: 5 mg/m <sup>3</sup>  |
| <b>PERSONAL PROTECTIVE EQUIPMENT</b> | <b>Eyes:</b> Wear appropriate protective eyeglasses or chemical safety goggles as described by WHMIS or OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. <b>Skin:</b> Wear appropriate gloves to prevent skin exposure. <b>Clothing:</b> Wear appropriate protective clothing to minimize contact with skin. <b>Respirators:</b> Follow WHMIS or OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. <b>Thermal Hazards:</b> For products representing a thermal hazard, appropriate Personal Protective Equipment should be used. |
| <b>SPECIFIC ENGINEERING CONTROLS</b> | Adequate mechanical ventilation. Fumehood, eye wash station, and safety shower.  |
| <b>BIOLOGICAL MONITORING</b>         | Not available  |
| <b>CONTROL BANDING</b>               | Not available  |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                     |  |   |               |   |                             |
|-------------------------------------|--|---|---------------|---|-----------------------------|
| <b>PHYSICAL STATE</b>               | Solid                                  |   |               |   |                             |
| <b>DESCRIPTION</b>                  | Reddish powder. Is odorless.           |   |               |   |                             |
| <b>SOLUBILITY</b>                   | Insoluble in water.                    |   |               |   |                             |
| <b>ODOR</b>                         | Odorless                               |   |               |   |                             |
| <b>FLAMMABILITY</b>                 | May be combustible at high temperature |   |               |   |                             |
| <b>AUTO-IGNITION TEMPERATURE</b>    | Not available                          | <b>BOILING POINT</b>                      | Not available | <b>DECOMPOSITION TEMPERATURE</b>          | 390 °C, 734 °F              |
| <b>EVAPORATION RATE</b>             | Not available                          | <b>EXPLOSIVE LIMIT</b>                    | Not available | <b>FLASH POINT</b>                        | Not available               |
| <b>log P (OCTANOL-WATER)</b>        | Not available                          | <b>LOWER FLAMMABLE/EXPLOSIVE LIMIT(S)</b> | Not available | <b>MELTING/FREEZING POINT</b>             | 390 °C, 734 °F (decomposes) |
| <b>PARTICLE CHARACTERISTICS</b>     | Not available                          | <b>OXIDIZING PROPERTY</b>                 | Not available | <b>pH</b>                                 | Not available               |
| <b>RELATIVE DENSITY (WATER = 1)</b> | Not available                          | <b>SPECIFIC GRAVITY</b>                   | Not available | <b>UPPER FLAMMABLE/EXPLOSIVE LIMIT(S)</b> | Not available               |
| <b>VAPOR DENSITY (AIR = 1)</b>      | Not available                          | <b>VAPOR PRESSURE</b>                     | Not available | <b>VISCOSITY</b>                          | Not available               |

The physical data presented above are typical values and should not be construed as a specification.

**SECTION 10: STABILITY AND REACTIVITY**

|  |   |
|--|---|
| <b>REACTIVITY</b>                        | Not established   |
| <b>CHEMICAL STABILITY</b>                | Stable under recommended storage conditions   |
| <b>INCOMPATIBLE MATERIALS</b>            | Strong oxidants and reducing agent may destroy color                                      |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b>  | Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and other gases may occur |
| <b>HAZARDOUS POLYMERIZATION</b>          | Will not occur  |
| <b>POSSIBILITY OF HAZARDOUS REACTION</b> | Not established   |
| <b>CONDITIONS TO AVOID</b>               | Moisture, sunlight and extreme temperatures   |

**SECTION 11: TOXICOLOGICAL INFORMATION**

|   |  |
|---|--|
| <b>ACUTE TOXICITY</b>                                   | Oral: Rat: LD50: (mg/kg): 2000<br>Dermal: Rabbit LD50: (mg/kg): 2000<br>Inhalation: Rat: LC50: (mg/L/4hr): 1.51  |
| <b>SKIN CORROSION/IRRITATION</b>                        | Due to lack of data the classification is not possible.<br>Slight irritant (Rabbit)  |
| <b>SERIOUS EYE DAMAGE/EYE IRRITATION</b>                | Due to lack of data the classification is not possible.  |
| <b>RESPIRATORY SENSITIZATION</b>                        | FD & C YELLOW NO.6 (Sunset Yellow FCF): Sensitivity reactions have been reported. There is some evidence that inhaling this product is more likely to cause a sensitization reaction in some persons compared to the general population. There is limited evidence that, skin contact with this product is more likely to cause a sensitization reaction in some persons compared to the general population.   |
| <b>SKIN SENSITIZATION</b>                               | Due to lack of data the classification is not possible.  |
| <b>GERM CELL MUTAGENICITY</b>                           | Due to lack of data the classification is not possible.<br>FD & C YELLOW NO.6 (Sunset Yellow FCF): Did not show any genotoxic activity   |
| <b>CARCINOGENICITY</b>                                  | <b>OSHA</b> FD & C YELLOW NO.6 (Sunset Yellow FCF) is not listed.<br><b>NTP</b> FD & C YELLOW NO.6 (Sunset Yellow FCF) is not listed.<br><b>IARC</b> FD & C YELLOW NO.6 (Sunset Yellow FCF) is listed in group 3 (not classifiable as to its carcinogenicity to humans).<br><b>California Proposition</b> This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm. |
| <b>ADDITIONAL CARCINOGENICITY INFORMATION</b>           | Based on available data, the classification criteria are not met.<br>Although some evidence of carcinogenicity was found in early animal studies subsequent work failed to confirm these findings. Some azo dyes may be able to cause mutations and be associated with the development of bladder cancer.  |
| <b>REPRODUCTIVE TOXICITY</b>                            | Due to lack of data the classification is not possible.  |
| <b>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE</b> | Due to lack of data the classification is not possible.  |

**SPECIFIC TARGET ORGAN  
TOXICITY - REPEATED  
EXPOSURE**

Based on available data, the classification criteria are not met.  
FD & C YELLOW NO.6 (Sunset Yellow FCF): Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems. Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis; caused by particles less than 0.5 micron penetrating and remaining in the lung. Prime symptom is breathlessness; lung shadows show on X-ray.

**ASPIRATION HAZARDS  
SIGNS AND SYMPTOMS OF  
EXPOSURE**

Based on available data, the classification criteria are not met.

**ROUTES OF EXPOSURE:**

Oral, Dermal, Inhalation, Eye contact

**EARLY ONSET SYMPTOMS RELATED TO EXPOSURE:**

Not available

**DELAYED HEALTH EFFECT FROM EXPOSURE:**

Not available

FD & C YELLOW NO.6 (Sunset Yellow FCF): Hypersensitivity reactions including severe abdominal cramps and Quincke's oedema have been recorded in individual patients receiving medication that was coloured with sunset yellow FCF. Sensitive individuals may react at dose levels within the ADI of 0-2.5 mg/kg bw/day.

Not expected to present a significant hazard under anticipated conditions of normal use.

**POTENTIAL HEALTH EFFECTS**
**Inhalation**

May be harmful if inhaled. May cause respiratory tract irritation. The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified 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**

Although ingestion is not thought to produce harmful effects, the material may still be damaging to the health of the individual following ingestion, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern. Sunset Yellow FCF is absorbed from the gastrointestinal tract to only a small extent and thus most of an orally administered dose is excreted via the faeces.

**Skin**

The material is not thought to produce adverse health effects or skin irritation following contact (as classified 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.

**Eyes**

Although the material is not thought to be an irritant, direct contact with the eye may cause transient discomfort characterized by tearing or conjunctival redness (as with windburn). Slight abrasive damage may also result.

**SECTION 12: ECOLOGICAL INFORMATION**
**ECOTOXICITY**

EC50: 48 Hr: Crustacea: (mg/L): 100 - 128.231  
LC50: 96 Hr: Fish: (mg/L): 100  
EC50: 72 Hr: Algae: (mg/L): 200

**PERSISTENCE AND  
DEGRADABILITY**

Biodegradation of azo dyes can occur in both aerobic and anaerobic environments.

**BIOACCUMULATIVE POTENTIAL**

Although azo dyes are generally not readily or inherently biodegradable, bioaccumulation or adsorption to sediment is not expected.

**MOBILITY IN SOIL**

Insoluble in water.

**OTHER ADVERSE EFFECTS**

Not available

This product is not intended to be released into the environment

## SECTION 13: DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of in accordance with federal / local laws and regulations. Avoid release into the environment.

## SECTION 14: TRANSPORT INFORMATION

### UN PROPER SHIPPING NAME

Not dangerous good

### UN NUMBER

Not applicable

### CLASS

Not applicable

### PACKING GROUP

Not applicable

### AUSTRALIA

#### HAZCHEM

Not Applicable

### EU

#### TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not listed

### ENVIRONMENTAL HAZARDS

Not available

### SPECIAL SHIPPING INFORMATION

Not applicable

## SECTION 15: REGULATORY INFORMATION

### UNITED STATES REGULATIONS

| Chemical Name & CAS                           | CERCLA 40 CFR Part 302.4 | SARA (Title III) 40 CFR | EPA 40 CFR Part 355 Appendix A | Appendix B | Pennsylvania | Right-to-know New Jersey | Massachusetts | California Prop 65 |
|---|--------------------------|-------------------------|--------------------------------|------------|--------------|--------------------------|---------------|--------------------|
| FD & C YELLOW No.6 (Aluminum Lake) 15790-07-5 | N/L                      | N/L                     | N/L                            | N/L        | N/L          | N/L                      | N/L           | N/L                |

N/L = Not Listed; X = Listed

### AUSTRALIAN REGULATIONS

| Chemical Name & CAS                           | Poisons and Therapeutic Goods | Therapeutic Goods Act | Code of Practices - Illicit Drug | Poisons Standard | Work Health and Safety Regulations | Inventory of Industrial Chemicals |
|---|-------------------------------|-----------------------|----------------------------------|------------------|------------------------------------|-----------------------------------|
| FD & C YELLOW No.6 (Aluminum Lake) 15790-07-5 | N/L                           | N/L                   | N/L                              | N/L              | N/L                                | N/L                               |

N/L = Not Listed

### EU REGULATIONS

| Chemical Name & CAS                              | REACH ANNEX XVII | REACH ANNEX XIV | EC 1005/2009 | EC 850/2004 | EC 1107/2009 | PIC - Prior Informed Consent Regulation | EC 2012/18 |
|--|------------------|-----------------|--------------|-------------|--------------|---|------------|
| FD & C YELLOW No.6<br>(Aluminum Lake) 15790-07-5 | N/L              | N/L             | N/L          | N/L         | N/L          | N/L                                     | N/L        |

N/L = Not Listed; X = Listed

Any EU regulation not listed above is not applicable to this product.

SUBJECT TO INTERNATIONAL AGREEMENT Not applicable

## SECTION 16: OTHER INFORMATION

### REFERENCES

Available upon request

### ABBREVIATIONS AND ACRONYMS

**ACGIH** - American Conference of Governmental Industrial Hygienists; **AIHA WEEL** – American Industrial Hygiene Association Workplace Environment Exposure Levels; **CAESAR** – Computer Assisted Evaluation of industrial chemical Substances According to Regulations; **CAS** – Chemical Abstract Service; **CERCLA** – Comprehensive Environmental Response, Compensation, and Liability Act; **EC50** – Effective Concentration, 50%; **EPA** – Environmental Protection Agency; **GHS** – Global Harmonized System; **HMIS** – Hazardous Materials Information System; **HSE** – Health and Safety Executive; **HSIS** – Hazardous Substances Information System; **IARC** – International Agency for Research on Cancer; **IDLH** - Immediately Dangerous to Life or Health; **IRFMN** – Ready Biodegradability Model; **ISS** – Istituto Superiore Sanità; **LC50** – Lethal Concentration, 50%; **LD50** – Lethal Dose, 50%; **MSHA** - Mine Safety and Health Administration; **NIOSH** – National Institute for Occupational Safety and Health; **NTP** – National Toxicology Program; **OSHA PEL** – Occupational Safety & Health Administration Permissible Exposure Limits; **QSAR** – Quantitative Structure-activity relationship; **REL** - Recommended Exposure Limit; **SARA** – Superfund Amendments and Reauthorization Act; **STEL** – Short Term Exposure Limit; **TLV** – Threshold Limit Value; **TWA** – Time Weighted Average; **WHMIS** – Workplace Hazardous Materials Information System

### LAST REVISION

03/2023

### SUPERSEDES

03/2021

For a list of changes to the SDS since the last version, please communicate with MEDISCA at [www.medisca.com](http://www.medisca.com)

### DISCLAIMER

This document was created in accordance with OSHA, Safe Work Australia and WHMIS regulations. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MEDISCA® shall not be held liable for any damage resulting from handling or from contact with the above product. Recipients of the product must take responsibility for observing existing laws and regulations.

### SUPPLEMENTARY INFORMATION

For all country specific requirements not outlined on this Safety Data Sheet, please request Supplementary Page to this Safety Data Sheet.