


SECTION 1: PRODUCT IDENTIFICATION

| | |
|------------------------|--|
| PRODUCT NAME | AlphaSat®, 8x15", PreWetted Mop Covers, w/6% IPA |
| PRODUCT CODE | 9193 |
| SUPPLIER | MEDISCA Inc. Tel.: 1.800.932.1039 Fax.: 1.855.850.5855 661 Route 3, Unit C, Plattsburgh, NY, 12901 3955 W. Mesa Vista Ave., Unit A-10, Las Vegas, NV, 89118 6641 N. Belt Line Road, Suite 130, Irving, TX, 75063 MEDISCA Pharmaceutique Inc. Tel.: 1.800.665.6334 Fax.: 514.338.1693 4509 Rue Dobrin, St. Laurent, QC, H4R 2L8 21300 Gordon Way, Unit 153/158, Richmond, BC V6W 1M2 MEDISCA Australia PTY LTD Tel.: 1.300.786.392 Fax.: 61.2.9700.9047 Unit 7, Heritage Business Park 5-9 Ricketty Street, Mascot, NSW 2020 |
| EMERGENCY PHONE | CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 NSW Poisons Information Centre: 131 126 National Chemical Emergency Centre 44(0)1235239670 |
| USES | Industrial Lab Use Only; Cleaning device |

SECTION 2: HAZARDS IDENTIFICATION

| | | | |
|---|---|---|-----------------------|
| GHS CLASSIFICATION | Flammable solid (Category 1) | | |
| PICTOGRAM |  | | |
| SIGNAL WORD | Danger | | |
| HAZARD STATEMENT(S) | Flammable solid. | | |
| ADVERSE PHYSIOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS | Repeated exposure may cause skin dryness or cracking. | | |
| PRECAUTIONARY STATEMENT(S) | Prevention | Keep away from heat/sparks/open flames/hot surfaces. No smoking. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting equipment. Wear protective gloves/eye protection/face protection | |
| | Response | IN CASE OF FIRE: Use to extinguish: dry chemical, CO2, water spray (fog) or foam. Do not use water jet or water-based fire extinguishers. | |
| | Storage | Not applicable | |
| | Disposal | Not applicable | |
| HMS CLASSIFICATION | Health Hazard | 1 | Flammability 2 |

Reactivity

0

Personal Protection

B

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME Not applicable
BOTANICAL NAME Not applicable
SYNONYM Not applicable
CHEMICAL FORMULA Not applicable
CAS NUMBER Not applicable
ALTERNATE CAS NUMBER Not applicable
MOLECULAR WEIGHT Not applicable
COMPOSITION

| CHEMICAL NAME | CAS NUMBER | EC NUMBER | % BY WEIGHT |
|-------------------|------------|-----------|-------------|
| ISOPROPYL ALCOHOL | 67-63-0 | 200-661-7 | 5 - 7 |

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.

SECTION 4: FIRST-AID MEASURES

IN CASE OF EYE CONTACT Flush with copious amounts of water for 15 minutes, separating eyelids with fingers. If irritation persists seek medical aid.

IN CASE OF SKIN CONTACT Wash with soap & water for 15 minutes. If irritation persists seek medical aid.

IF SWALLOWED Call a physician. Wash out mouth with water. Do not induce vomiting without medical advice.

IF INHALED Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician

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

SECTION 5: FIREFIGHTING MEASURES

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL Flammable liquid and vapor.

FLAMMABLE PROPERTIES Flammable.

HAZARDOUS COMBUSTION PRODUCTS Under fire conditions, hazardous fumes will be present.

SUITABLE & UNSUITABLE EXTINGUISHING MEDIA **Small fire:** dry chemical, CO₂ or water spray. **Large fire:** dry chemical, CO₂, alcohol resistant foam or water spray. Do not get water inside containers. Do not use water jet or water-based fire extinguishers.

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 breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

METHODS & MATERIAL FOR CONTAINMENT

On land, sweep or shovel into suitable containers.

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.

SPECIFIC END USE(S)

See Section 1

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION
Chemical Name: ISOPROPYL ALCOHOL CAS #: 67-63-0

| | Country | Limit value-8 hours | | Limit value-Short Term | | IDLH | REL | Advisory | Notes |
|--------|------------------|---------------------|-------------------|------------------------|-------------------|-----------|-----|----------|---|
| | | ppm | mg/m ³ | ppm | mg/m ³ | | | | |
| OSHA | USA | 400 | 980 | 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 | A4 (not classifiable as a human carcinogen) |
| NIOSH | USA | 400 | 980 | 500 | 1225 | 2000 ppm* | TWA | N/A | *[10%LEL] (See:67630) |
| WEEL | USA | N/L | N/L | N/L | N/L | N/L | N/L | N/A | N/A |
| HSIS | Australia | 400 | 1040 | 310 | 1290 | N/L | N/L | N/A | N/A |
| HSE | UK | 400 | 999 | 500 | 1250 | N/L | N/L | N/A | N/A |
| GESTIS | Australia | 400 | 983 | 500 | 1230 | N/L | N/L | N/A | N/A |
| GESTIS | Austria | 200 | 500 | 800 | 2000 | N/L | N/L | N/A | N/A |
| GESTIS | Belgium | 200 | 500 | 400 (1) | 1000 (1) | N/L | N/L | N/A | (1) 15 minutes average value |
| GESTIS | Canada - Ontario | 200 | N/L | 400 | N/L | N/L | N/L | N/A | N/A |
| GESTIS | Canada - Québec | 400 | 983 | 500 | 1230 | N/L | N/L | N/A | N/A |
| GESTIS | Denmark | 200 | 490 | 400 | 980 | N/L | N/L | N/A | N/A |
| GESTIS | Finland | 200 | 500 | 250 (1) | 620 (1) | N/L | N/L | N/A | (1) 15 minutes average value |
| GESTIS | France | N/L | N/L | 400 | 980 | N/L | N/L | N/A | N/A |

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| | | | | | | | | | |
|---------------|----------------------------|---------|---------|---------|----------|-----|-----|-----|--|
| GESTIS | Germany (AGS) | 200 | 500 | 400 (1) | 1000 (1) | N/L | N/L | N/A | (1) 15 minutes average value |
| GESTIS | Germany (DFG) | 200 | 500 | 400 | 1000 | N/L | N/L | N/A | STV 15 minutes average value |
| GESTIS | Hungary | N/L | 500 | N/L | 2000 | N/L | N/L | N/A | N/A |
| GESTIS | Ireland | 200 | N/L | 400 (1) | N/L | N/L | N/L | N/A | (1) 15 minutes average value |
| GESTIS | Japan (MHLW) | 400 | N/L | N/L | N/L | N/L | N/L | N/A | N/A |
| GESTIS | Japan (JSOH) | 400 (1) | 980 (1) | N/L | N/L | N/L | N/L | N/A | (1) Occupational exposure limit ceiling: Reference value to the maximal exposure concentration of the substance during a working day |
| GESTIS | Latvia | N/L | 350 | N/L | 600 (1) | N/L | N/L | N/A | (1) 15 minutes average value |
| GESTIS | New Zealand | 400 | 983 | 500 | 1230 | N/L | N/L | N/A | N/A |
| GESTIS | People's Republic of China | N/L | 350 | N/L | 700 (1) | N/L | N/L | N/A | (1) 15 minutes average value |
| GESTIS | Poland | N/L | 900 | N/L | 1200 | N/L | N/L | N/A | N/A |
| GESTIS | Romania | 81 | 200 | 203 (1) | 500 (1) | N/L | N/L | N/A | (1) 15 minutes average value |
| GESTIS | Singapore | 400 | 983 | 500 | 1230 | N/L | N/L | N/A | N/A |
| GESTIS | South Korea | 200 | 480 | 400 | 900 | N/L | N/L | N/A | N/A |
| GESTIS | Spain | 200 | 500 | 400 | 1000 | N/L | N/L | N/A | N/A |
| GESTIS | Sweden | 150 | 350 | 250 (1) | 600 (1) | N/L | N/L | N/A | (1) 15 minutes average value |
| GESTIS | Switzerland | 200 | 500 | 400 | 1000 | N/L | N/L | N/A | N/A |
| GESTIS | United Kingdom | 400 | 999 | 500 | 1250 | 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

EXPOSURE GUIDELINES

Consult local authorities for provincial or state exposure limits. Particulates not otherwise regulated, respirable fraction: 5 mg/m³.

PERSONAL PROTECTIVE EQUIPMENT

Eyes: 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. **Skin:** Wear appropriate gloves to prevent skin exposure. **Clothing:** Wear appropriate protective clothing to minimize contact with skin. **Respirators:** 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. **Thermal Hazards:** For products representing a thermal hazard, appropriate Personal Protective Equipment should be used.

SPECIFIC ENGINEERING CONTROLS

Adequate mechanical ventilation. Fumehood, eye wash station, and safety shower.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE

Solid

| | | | | | |
|-------------------------------------|------------------------|---|---------------|---|----------------------|
| DESCRIPTION | Pre-wetted mop covers. | | | | |
| SOLUBILITY | Not applicable. | | | | |
| ODOR | Alcohol odor | | | | |
| FLAMMABILITY | Flammable solid | | | | |
| AUTO-IGNITION TEMPERATURE | Not available | BOILING POINT | Not available | DECOMPOSITION TEMPERATURE | Not available |
| EVAPORATION RATE | 6% w/w VOC | EXPLOSIVE LIMIT | Not available | FLASH POINT | 46 °C, 114.8 °F (CC) |
| log P (OCTANOL-WATER) | Not available | LOWER FLAMMABLE/EXPLOSIVE LIMIT(S) | Not available | MELTING/FREEZING POINT | Not available |
| ODOR THRESHOLD | Not available | OXIDIZING PROPERTY | Not available | pH | Not available |
| RELATIVE DENSITY (WATER = 1) | Not available | SPECIFIC GRAVITY | Not available | UPPER FLAMMABLE/EXPLOSIVE LIMIT(S) | Not available |
| VAPOR DENSITY (AIR = 1) | Not available | VAPOR PRESSURE | Not available | VISCOSITY | Not available |

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

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|---|
| REACTIVITY | Not established |
| CHEMICAL STABILITY | Stable under recommended storage conditions |
| INCOMPATIBLE MATERIALS | Strong oxidants |
| HAZARDOUS DECOMPOSITION PRODUCTS | Under normal conditions of storage and use, hazardous decomposition products should not be produced |
| HAZARDOUS POLYMERIZATION | Will not occur |
| POSSIBILITY OF HAZARDOUS REACTION | Not established |
| CONDITIONS TO AVOID | Moisture, sunlight and extreme temperatures |

SECTION 11: TOXICOLOGICAL INFORMATION

| | |
|--|---|
| ACUTE TOXICITY | Oral: Rat: LD50: (mg/kg): Not available Dermal: Rabbit: LD50: (mg/kg): Not available Inhalation: Rat: LC50: (mg/L/4hr): Not available |
| SKIN CORROSION/IRRITATION | Contains isopropyl alcohol: causes skin irritation. |
| SERIOUS EYE DAMAGE/EYE IRRITATION | Contains isopropyl alcohol: causes severe eye irritation. |

| | |
|---|--|
| RESPIRATORY SENSITIZATION | Due to lack of data the classification is not possible. |
| SKIN SENSITIZATION | Due to lack of data the classification is not possible |
| GERM CELL MUTAGENICITY | Due to lack of data the classification is not possible. |
| CARCINOGENICITY | <p>OSHA No component of this product, present at $\geq 0.1\%$, is listed.</p> <p>NTP No component of this product, present at $\geq 0.1\%$, is listed.</p> <p>IARC ISOPROPYL ALCOHOL is listed in group 3 (not classifiable as to its carcinogenicity to humans). No other component of this product, present at $\geq 0.1\%$ has been evaluated.</p> <p>California Proposition 65 This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.</p> |
| ADDITIONAL CARCINOGENICITY INFORMATION | Due to lack of data the classification is not possible. |
| REPRODUCTIVE TOXICITY | Due to lack of data the classification is not possible. |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE | Narcotic effects |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | Due to lack of data the classification is not possible. |
| ASPIRATION HAZARDS | Due to lack of data the classification is not possible. |
| SIGNS AND SYMPTOMS OF EXPOSURE | Not expected to present a significant hazard under anticipated conditions of normal use. |
| POTENTIAL HEALTH EFFECTS | <p>Inhalation May be harmful if inhaled. May cause respiratory tract irritation.</p> <p>Ingestion May be harmful if swallowed.</p> <p>Skin May be harmful if absorbed through skin. Causes skin irritation.</p> <p>Eyes Causes severe eye irritation.</p> |

SECTION 12: ECOLOGICAL INFORMATION

| | |
|--------------------------------------|--|
| TOXICITY | <p>EC50: 48 Hr: Crustacea: (mg/L): Not available</p> <p>LC50: 96 Hr: Fish: (mg/L): Not available</p> <p>EC50: 72 or 96 Hr: Algae (or other aqua plants): (mg/L): Not available</p> |
| PERSISTENCE AND DEGRADABILITY | Not available |
| BIOACCUMULATIVE POTENTIAL | Not available |
| MOBILITY IN SOIL | Not available |
| OTHER ADVERSE EFFECTS | Not available |
| | This product is not intended to be released into the environment |

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

| | |
|--------------------------------|--|
| UN PROPER SHIPPING NAME | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol) |
|--------------------------------|--|

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UN NUMBER 3175

CLASS 4.1

PACKING GROUP II

AUSTRALIA

HAZCHEM 1Z

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 Part 372.65 | EPA 40 CFR Part 355 Appendix A | EPA 40 CFR Part 355 Appendix B | Pennsylvania | Right-to-know New Jersey | Massachusetts | California Prop 65 |
|------------------------------|--------------------------|-------------------------------------|--------------------------------|--------------------------------|--------------|--------------------------|---------------|--------------------|
| ISOPROPYL ALCOHOL 67-63-0 | N/L | X | N/L | N/L | X | X | X | N/L |

N/L = Not Listed; X = Listed

AUSTRALIAN REGULATIONS

| Chemical Name & CAS | Poisons and Therapeutic Goods Regulation | Therapeutic Goods Act | Code of Practices - Illicit Drug Precursors |
|------------------------------|--|-----------------------|---|
| ISOPROPYL ALCOHOL 67-63-0 | 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 | EC 649/2012 | EC 2012/118 |
|------------------------------|------------------|-----------------|--------------|-------------|--------------|-------------|-------------|
| ISOPROPYL ALCOHOL 67-63-0 | 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.

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

03/2020

SUPERSEDES

11/2017

For a list of changes to the SDS since the last version, please communicate with MEDISCA at 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.