ASTRON UV-A LED LAMP Material Safety Data Sheet (MSDS)

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Section 1. MANUFACTURER AND CONTACT INFORMATION

Made by: Alcochem Hygiene, van Dijklaan 17M - 5581WG Waalre - The Netherlands

Section 2. PRODUCT DESCRIPTION

The Astron UV LED lamp is a solid-state ultraviolet light source emitting at 365 nm. It is designed for use in applications.

Section 3. SAFETY CLASSIFICATION

In accordance with IEC 62471, the Astron lamp may fall under Risk Group 1 or 2 depending on proximity and use.

Section 4. HAZARD IDENTIFICATION

- Eye Hazard: UV-A light (365 nm) may cause eye discomfort or retinal strain upon prolonged exposure.
- Skin Hazard: Long exposure may cause minor skin irritation or photosensitive reactions.
- Material Degradation: UV light may degrade certain plastics or organic materials over time.

Section 5. HANDLING AND USAGE PRECAUTIONS

- Avoid direct eye or skin exposure to the light source.
- Use only as intended and do not modify the lamp.
- UV-protective eyewear is recommended for prolonged exposure.
- Keep away from children.

Section 6. TECHNICAL SPECIFICATIONS

- Model : Astron UV LED Lamp
- Wavelength : 365 nm
- UV Output : 5 Watt
- Power Cons : 9 Watt
- Cooling : Passive
- Housing : Plastic, UV-resistant
- Input Voltage : 100–240V AC, 50/60 Hz
- IP Rating : IP20

Section 7. ENVIRONMENTAL & DISPOSAL CONSIDERATIONS

- RoHS compliant – no hazardous heavy metals.
- Dispose of as electronic waste in accordance with local laws.
- Do not incinerate.

Section 8. STORAGE & TRANSPORTATION

- Store in a cool, dry place away from direct sunlight.
- Avoid mechanical shock and vibration.
- Do not store near flammable materials.

Section 9. COMPLIANCE & STANDARDS

- IEC 62471 – Photobiological Safety
- RoHS Directive 2011/65/EU
- WEEE Directive 2012/19/EU

These lamps do not contain any materials that would subject them to special waste disposal or transportation requirements

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Manufacturer Information:

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