



# **IMS STERILE WIPES LOW PARTICULATE**

70% Denatured Ethanol  
30% Purified Water

## **PRODUCT SPECIFICATION & MATERIAL DATA SAFETY SHEET**

**Micronclean Part No. WSCW97ZZZ**

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PRODUCT & COMPANY

Product name: SCHULTZ STERILE IMS WIPES

Use: Hard surface disinfectant solution - for professional use only.

## 2. CHEMICAL COMPOSITION

Denatured Ethanol 70% (CAS# 64-17-5; EINECS 200-578-6)

Purified Deionised Water 30%

## 3. HAZARD IDENTIFICATION

Eye contact may cause irritation and/or redness

Ingestion may cause nausea, vomiting, diarrhoea, abdominal pain, drowsiness, unconsciousness, convulsions

Inhalation may cause irritation to respiratory tract, coughing, shortness of breath, convulsions.

Skin contact may cause mild irritation and may be absorbed through damaged skin

## 4. FIRST AID MEASURES

Eye contact Flush with water immediately & bathe eye for 15 minutes. Remove contact lens and seek medical help if discomfort persists

Ingestion rinse mouth with water; give 1 litre of water if conscious. If unconscious check airway and breathing, respire artificially if necessary. Place in recovery position if breathing by self and transfer to hospital immediately taking product label/pack with you.

Inhalation Remove casualty from affected area ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and respire artificially if necessary. Seek medical attention and show medical staff product label.

## 5. FIRE SAFETY

Exposure hazards: Highly flammable. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide & carbon monoxide.

Extinguishing Means: Use CO<sub>2</sub> or dry chemical for small fires

If necessary, use water spray to cool fire and objects exposed to it. Use water spray to disperse vapour.

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

## 6. ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Wash small spills with large amounts of water. Large spills should be absorbed with sand or granules and disposed of with care.

## 7. HANDLING & STORAGE

Handling requirements: Smoking is forbidden. Ensure there is sufficient ventilation of the area. Earth any equipment used in handling. Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Workplace exposure limits (WEL)

WEL (8 hr exposure limit): 1920mg/h (1000ppm)

Hazardous ingredients: ETHANOL

WEL (8 hr exposure limit): 1920 mg/m<sup>3</sup>

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

State: Impregnated wipe  
Colour: Colourless  
Odour: Sweet-smelling  
Evaporation rate: Moderate  
Oxidising: Non-oxidising (by EC criteria)  
Solubility in water: Soluble  
Also soluble in: Most organic solvents.  
Viscosity: Non-viscous  
Acid/Alkali: Neutral (pH=7.5)

## 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.  
Conditions to avoid: Heat. Sources of ignition. Flames.  
Materials to avoid: Strong oxidising agents. Alkalis. Acids.  
In combustion emits toxic fumes of carbon dioxide/carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ETHANOL  
IVN RAT LD50: 1440 mg/kg  
L RAT LD50: 7060 mg/kg  
ORL MUS LD50: 3450 mg/kg  
Routes of exposure: Refer to section 4 exposure routes and symptoms.

## 12. ECOLOGICAL INFORMATION

Persistence and degradability: Biodegradable.  
Bioaccumulative potential: No bioaccumulation potential.  
Other adverse effects: Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

Disposal operations: Mix or dissolve with a combustible material, burn in chemical incinerator equipped with after burners and scrubbers.  
Waste code number: 2001-13  
Disposal of packaging: Dispose of as normal industrial waste.

*N.B. There may be specific regional or national regulations regarding disposal.*

## 14. TRANSPORT INFORMATION

ADR/RID

UN no: 1170 ADR Class: 3  
Packing group: II Classification code: F1  
Shipping name: ETHANOL SOLUTION  
Labelling: 3 Hazard ID no: 33

IMDG/IMO

UN no: 1170 Class: 3  
Packing group: II EmS: F-E, S-D  
Marine pollutant: NO Labelling: 3

IATA/ICAO

UN no: 1170 Class: 3  
Packing group: II  
Labelling: 3

## 15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.



Risk phrases: R11: Highly flammable.

Safety phrases:

S2: Keep out of the reach of children.

S7: Keep container tightly closed.

S16: Keep away from sources of ignition - No smoking.

Precautionary phrases: Use biocides safely. Always read the label and product information before use.

Water hazard class: 1

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. OTHER INFORMATION

This product is only to be used for the purpose for which it was intended and in accordance with the specified instructions. This product should never be mixed with other chemical products and should be handled with care. It should be stored carefully out of the reach of children.

**EMERGENCY CONTACT TELEPHONE NUMBER: 0560 104 8101**

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Preparation date: 11th November 2008

## PRODUCT SPECIFICATION

### PRODUCT DESCRIPTION

Product name: SCHULTZ STERILE IMS WIPES

Product Code: SIMS35200.

### PRIMARY USES

Cleaning and disinfection of hard surfaces

### MATERIAL DESCRIPTION

Non-woven lint free wipes impregnated with 70% denatured alcohol (IMS) solution.

Wipe material is 50% polyethylene and 50% polypropylene (PE/OPP) heat bonded and sealed. They are low particulate.

### PHYSICAL PROPERTIES

Weight 30gsm

Thickness 145µm

Dimensions each wipe 200h x 220w mm

Tensile strength dry 937 N/m on h axis

Tensile strength dry 483 N/m on width

Tensile strength wet 423 N/m on h axis

Tensile strength wet 230 N/m on width

Elongation dry 6.2% on h axis

Elongation dry 12.3% on width

Tear resistance dry 3.2 N on h axis, 2.5 N on width

Absorptive capacity 775%

### PACKING & LABELLING

Wipes are presented in soft packs with peel-back access. 200 wipes per pack. Each pack is double bagged in 250 gauge clear polythene bags. Each pack is branded with the Micronclean and Schultz names and logos and displays the storage and hazardous symbols defined in the safety data sheet.

**SPECIAL STORAGE INSTRUCTIONS**

Keep in a cool dry place away from direct sunlight, heat and naked flames. To be stored in "No Smoking" area. Container may explode under high temperature conditions.

Shelf life is 24 months if product is stored according to recommendations. Once opened the goods are certified to remain sterile in a clean room environment for 28 days.