



SAFETY DATA SHEET

Issuing Date 22-Oct-2013

Revision Date 07-Nov-2014

Revision Number 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name SCRUBS® Medaphene® Disinfectant Deodorizing Wipes

Other means of identification

Product Code(s) 90301, 90350, 90356, 90365, 90378

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Disinfecting wipes

Uses advised against None reasonably foreseeable

Supplier's details

Supplier Address

ITW Pro Brands
805 E. Old 56 Highway
Olathe, KS 66061
TEL: 1-800-443-9536

Emergency telephone number

Emergency Telephone Number 800-535-5053 Infotrac

2. HAZARDS IDENTIFICATION


Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

| | |
|---|------------|
| Respiratory Sensitization | Category 1 |
| Skin Sensitization | Category 1 |
| Specific Target Organ Systemic Toxicity (Single Exposure) | Category 3 |

GHS Label elements, including precautionary statements

Emergency Overview

| | | | |
|---|---|-----------------------|--------------------|
| Signal Word | Danger | | |
| Hazard Statements | <ul style="list-style-type: none"> • May cause allergy or asthma symptoms or breathing difficulties if inhaled • May cause an allergic skin reaction • May cause respiratory irritation. May cause drowsiness or dizziness | | |
|  | | | |
| Appearance | Colorless | Physical State | Liquid. |
| | | | Odor Floral |

Precautionary Statements**Prevention**

- Avoid breathing dust/fume/gas/mist/vapors/spray
- In case of inadequate ventilation wear respiratory protection
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves
- Use only outdoors or in a well-ventilated area.

General Advice

- None

Skin

- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation or rash occurs: Get medical advice/attention
- Wash contaminated clothing before reuse.

Inhalation

- If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage

- Store in a well-ventilated place. Keep container tightly closed
- Store locked up.

Disposal

- Dispose of contents/container to an approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % | Trade secret |
|-------------------|----------|----------|--------------|
| Isopropyl alcohol | 67-63-0 | 0.1-1 | * |
| Glutaraldehyde | 111-30-8 | 0.1-1 | * |

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

4. FIRST AID MEASURES

Description of necessary first-aid measures

| | |
|---------------------|---|
| Eye Contact | Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician. |
| Skin Contact | Wash hands thoroughly after handling. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician. |
| Inhalation | Not an expected route of exposure. Move to fresh air. If symptoms persist, call a physician. |
| Ingestion | Not an expected route of exposure. If large quantities of this material are swallowed, call a physician immediately. |

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

No information available.

Hazardous Combustion Products Carbon monoxide. Carbon dioxide (CO₂). Sulfur oxides. Soot.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear. Use water spray to cool surrounding containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Small spillage: Wipe up with absorbent material (e.g. cloth, fleece). Large spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not breathe vapors or spray mist.

Conditions for safe storage, including any incompatibilities

Storage Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing. Do not contaminate food or feed stuffs.

Incompatible Products Strong oxidizing agents. Strong acids. Strong alkalis. Ketones Halogens. Halogenated compounds.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------------|--|---|---|
| Isopropyl alcohol 67-63-0 | STEL: 400 ppm TWA: 200 ppm | TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³ | IDLH: 2000 ppm 10% LEL TWA: 980 mg/m ³ TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m ³ |
| Glutaraldehyde 111-30-8 | Ceiling: 0.05 ppm activated and inactivated | (vacated) Ceiling: 0.2 ppm (vacated) Ceiling: 0.8 mg/m ³ | Ceiling: 0.2 ppm Ceiling: 0.8 mg/m ³ |

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields. Goggles.
Skin and Body Protection If direct contact possible: Impervious gloves.
Respiratory Protection None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|--------|-----------------------|--------------------------|
| Physical State | Liquid | Appearance | Colorless |
| Odor | Floral | Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ - Method</u> |
|------------------------------------|-------------------|--------------------------|
| pH | 4.0 | None known |
| Melting Point/Range | No data available | None known |
| Boiling Point/Boiling Range | 100 °C / 212 °F | None known |
| Flash Point | None. | PMCC, |
| Evaporation rate | No data available | None known |

| | | |
|---|--------------------|------------|
| Flammability (solid, gas) | No data available | None known |
| Flammability Limits in Air | | |
| upper flammability limit | No data available | |
| lower flammability limit | No data available | |
| Vapor Pressure | No data available | None known |
| Vapor Density | > 1 | None known |
| Relative Density | No data available | None known |
| Specific Gravity | 0.999 | None known |
| Water Solubility | Completely soluble | None known |
| Solubility in other solvents | No data available | None known |
| Partition coefficient: n-octanol/water | No data available | None known |
| Autoignition Temperature | No data available | None known |
| Decomposition Temperature | No data available | None known |
| Viscosity | No data available | None known |
| | | |
| Flammable Properties | Not flammable | |
| | | |
| Explosive Properties | No data available | |
| Oxidizing Properties | No data available | |

Other information

VOC Content (%) 1%

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Incompatible products.

Incompatible materials

Strong oxidizing agents. Strong acids. Strong alkalis. Ketones Halogens. Halogenated compounds.

Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrogen sulfide. Sulfur dioxide. Smoke. Soot.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information****Inhalation**

Overexposure: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Eye Contact

Contact with eyes may cause irritation.

Skin Contact

May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Ingestion

May be harmful if swallowed.

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-------------------|----------------------|--|------------------------|
| Isopropyl alcohol | = 4396 mg/kg (Rat) | 12800 mg/kg (Rat) 12870 mg/kg (Rabbit) | 72.6 mg/L (Rat) 4 h |
| Glutaraldehyde | = 66 mg/kg (Rat) | > 2000 mg/kg (Rat) = 560 µL/kg (Rabbit) | = 0.1 mg/L (Rat) 4 h |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization May cause sensitization by inhalation. May cause sensitization by skin contact.

Mutagenic Effects No information available.

Carcinogenicity Contains no ingredients above reportable quantities listed as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|-------------------|-------|---------|-----|------|
| Isopropyl alcohol | | Group 3 | | X |

IARC: (International Agency for Research on Cancer)

Group 3: Not Classifiable as to its Carcinogenicity to Humans

OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive Toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration Hazard No information available.

Numerical measures of toxicity - Product**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful to aquatic life with long lasting effects.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|------------------------------|--|--|---|---|
| Isopropyl alcohol 67-63-0 | EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus) EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus) | LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus) | | EC50 48 h: = 13299 mg/L (Daphnia magna) |
| Glutaraldehyde 111-30-8 | EC50 72 h: = 0.61 mg/L (Desmodesmus subspicatus) EC50 96 h: = 0.84 mg/L (Desmodesmus subspicatus) | LC50 96 h: 2.6-4.8 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: 7.8-13 mg/L static (Oncorhynchus mykiss) LC50 96 h: 7.8-22 mg/L static (Lepomis macrochirus) LC50 96 h: = 5.4 mg/L static (Pimephales promelas) | EC50 = 13.3 mg/L 17 h EC50 = 76.0 mg/L 5 min | EC50 48 h: 0.56 - 1.0 mg/L Static (Daphnia magna) EC50 48 h: = 14 mg/L (Daphnia magna) |

Persistence and Degradability No information available.

Bioaccumulation No information available.

| Chemical Name | Log Pow |
|-------------------|---------|
| Isopropyl alcohol | 0.05 |
| Glutaraldehyde | 0.22 |

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations

Contaminated Packaging Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste |
|-------------------|----------------------------|
| Isopropyl alcohol | Toxic Ignitable |
| Glutaraldehyde | Toxic |

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory. All components of this product are either listed or are exempt on the TSCA inventory.

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

| Chemical Name | CAS-No | California Prop. 65 |
|----------------|---------|---------------------|
| O-phenylphenol | 90-43-7 | Carcinogen |

U.S. State Right-to-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|-------------------|------------|---------------|--------------|----------|--------------|
| Isopropyl alcohol | X | X | X | | X |
| Glutaraldehyde | X | X | X | | X |

U.S. EPA Label Information

EPA Pesticide Registration Number 55195-4-11694

16. OTHER INFORMATION

| | | | | |
|-------------|-----------------|----------------|-------------------|---------------------------------|
| NFPA | Health Hazard 2 | Flammability 0 | Instability 0 | Physical and Chemical Hazards - |
| HMIS | Health Hazard 2 | Flammability 0 | Physical Hazard 0 | Personal Protection X |

Prepared By Product Stewardship
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General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet