

Material Safety Data Sheet

HMIS^a

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HEALTH

2

REACTIVITY

0

FLAMMABILITY

3

PERSONAL PROTECTION

B

Identity (As Used on Label and List) EPA Reg. No. 211-32-11694

42620 Medaphene Plus Country Garden Disinfectant Spray

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name

ITW Dymon

Emergency Telephone Number

1-800-535-5053

Address (Number, Street, City, State, and ZIP Code)

805 East Old 56 Highway

Telephone Number for Information

1-913-397-9889

Olathe, Kansas 66061

Date Prepared

August 18, 2005

Signature of Preparer (Optional)

Regulatory Dept.

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific

Chemical Identity, Common Name(s))

CAS No.

OSHA PEL

ACGIH-TLV

Other Limits

Recommended

% (Opt.)

Ethanol

64-17-5

1000 ppm

1000 ppm

60 - 100 %

Isobutane

75-28-5

800 ppm

800 ppm

10 - 30 %

Propane

74-98-6

1000 ppm

2500 ppm

1 - 5 %

Orthophenylphenol*

90-43-7

None estab.

None estab.

<1%

*SARA Title III Section 313 Reportable

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or

Texas is described above if known present in regulated concentrations.

SECTION III Physical/Chemical Characteristics

Boiling Point

Concentrate

Pressure (psig. @ 70° F)

212° F

Specific Gravity (H₂O = 1) 70°F

Concentrate

0.824

Vapor Density (AIR = 1)

No Data

Melting Point

No Data

Solubility in Water

No Data

Evaporation Rate (Ethyl Ether = 1)

No Data

Appearance and Odor - Clear liquid with an alcohol and floral scent in an aerosol can.

Complete

pH

No Data

SECTION IV - Fire and Explosion Hazard Data

VOC's--This product contains 669 grams per liter or 89.5% by weight VOC's.

USA Flame Projection Test

>18", No Flashback (Flammable)

Extinguishing Media

Use carbon dioxide, dry chemical, foam.

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Special Fire Fighting Procedures - Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards -

Aerosol container (pressurized) may burst if heated over 130° F.

SECTION V - Reactivity Data

| | | | |
|-----------|----------|---|---|
| Stability | Unstable | | Conditions to Avoid - Extreme heat, direct sunlight |
| | Stable | X | |

Incompatibility (Materials to Avoid) -

Strong acids and oxidizers.

Hazardous Decomposition or Byproducts -

Carbon dioxide and carbon monoxide

| | | | |
|--------------------------|----------------|---|----------------------------------|
| Hazardous Polymerization | May Occur | | Conditions to Avoid - None known |
| | Will Not Occur | X | |

SECTION VI - Health Hazard Data

| Route(s) of Entry | Eyes? | Inhalation? | Skin? | Ingestion? |
|-------------------|-------|-------------|-------|------------|
| | Yes | Yes | Yes | No |

Health Hazards (Acute and Chronic) – Will cause eye irritation upon exposure and skin irritation with prolonged exposure. Can be harmful if swallowed or if spray mist is inhaled.

| | | | |
|---------------------------------------|-------------------|-------------------------------|------------------------------|
| Carcinogenicity: None known | NTP? No | IARC Monographs? No | OSHA Regulated? No |
|---------------------------------------|-------------------|-------------------------------|------------------------------|

Prop 65 Warning: This product contains a chemical (Orthophenylphenol) known to the State of California to cause cancer.

Signs and Symptoms of Exposure – If in eyes: Burning sensation, watering, or redness. **If on skin:** Redness, irritation, or burning sensation with prolonged exposure. **If spray mist is inhaled:** Coughing, stupor, drowsiness or loss of consciousness with prolonged breathing of vapors. **If swallowed:** Possible gastrointestinal irritation or disturbance.

Medical Conditions Generally Aggravated by Exposure – None known.

Emergency and First Aid Procedures:

Eyes - Flush with water for 15 minutes. **Skin** – Wash liberally with soap and water. **If on clothes** – Wash before reuse. **Inhalation** – Remove to fresh air. **Ingestion** – if patient is conscious and alert, dilute by drinking large quantities of water. Do not induce vomiting without medical advice. Always get medical attention when product is swallowed or when symptoms are significant or persist.

SECTION VII - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled -**

Small spills (less than 1 gallon) may be contained and left to evaporate. Note: Dilution with water will reduce flash point.

Large spills (more than 1 gallon) should be contained and collected (by absorption or vacuuming) then evaporated or disposed of properly.

Waste Disposal Method – This product is considered a RCRA Hazardous Waste for flammability (D001) as identified in Federal Regulations 40 CFR 261. Dispose of product by using in accordance with label directions or in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).

Precautions to be Taken in Handling and Storing -

Do not contaminate water, food or feed. Do not reuse empty containers. Keep containers clean and closed.

KEEP OUT OF REACH OF CHILDREN. Do not store near ignition sources or at temperatures above 120°F.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) – General ventilation is normally adequate. Do not create or inhale mists or vapors. Use an approved vapor respirator in tight or close areas.

| | | |
|-------------|--|----------------|
| Ventilation | Local Exhaust – Not usually necessary | Special - None |
| | Mechanical (General) - Normally sufficient | Other - None |

Protective Gloves - Yes (Rubber) **Eye Protection** - Yes (goggles or approved safety glasses)

Other Protective Clothing or Equipment - Not usually necessary.

Work/Hygienic Practices – Wash hands after using. Do not get into eyes, on skin, or clothing. May be harmful if swallowed. Protect food and drink from contamination by product.

WARNING: The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.