



# MDF-200M (Part C)

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : MDF-200M (Part C) DIACETIN

Product code : n/a

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : For professional use only  
Disinfectant/ Antimicrobial

Use advised against : None identified

#### 1.3. Details of the supplier of the safety data sheet

SPAN-WORLD LLC  
PO BOX 18155  
Golden, CO 80402

Tel: 1-985-875-2471

#### 1.4. Emergency telephone number

Emergency number : 1-800-950-9958 (24 HOURS)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

Not a dangerous substance or mixture according to Globally Harmonized System (GHS)

#### 2.3. Other hazards

Other hazards which do not result in classification : None known

#### 2.4. Unknown acute toxicity

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. This material is not considered hazardous by the OSHA Hazard Communicatio Standard (29 CFR 1910.1200)

Name	Product identifier	% w/w
DIACETIN	(CAS No) 23595-31-7	>99

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General : Under normal ocnditions of intended use, this product does not pose a risk to health

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Rinse skin with plenty of water for 15-20 minutes. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing opening eyelids. Get medical advice/attention.

First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician

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### 4.2. Most important symptoms and effects, both acute and delayed

May cause slight skin irritaiton

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use fire-extinguishing media appropriate for surrounding materials. Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Special danger of slipping by leaking/spilling product. Avoid contact with eyes and skin. Avoid berating vapours, spray and mist. Evacuate unnecessary personnel. Equip cleanup crew with proper protection.

The low volatility of this product does not require ventilation. However depending on the condition, adequate ventilation might be required.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect all waste in suitable and labelled containers and dispose according to local legislation. Store away from other materials. Ensure all national/local regulations are observed. Dilute with large volumes of water.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Read label before use. Obtain special instructions before use. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid berating vapours, spray and mist. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of reach of children. Keep only in the original container in a cool well-ventilated place. Keep container closed when not in use. Keep away from incompatible materials. Keep away from sources of heat. Store in a dry place no lower in temperature than 50 °F or higher than 120 °F.

Incompatible materials : None

Maximum storage period : 3 year If stored indoors with no direct sunlight or wide temperature swings, the storage period may be extended to 5 years.

### 7.3. Specific end use(s)

No additional information available

# MDF-500 (Part A)

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
- Personal protective equipment : Handle in accordance with good industrial hygiene and safety practices. Avoid all unnecessary exposure. For certain operations, additional Personal Protection Equipment (PPE) may be required.  
Protective goggles. Gloves.



- Hand protection : Handle with gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.
- Eye protection : Wear goggles if splashing or spraying is anticipated. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH.
- Skin and body protection : In case of repeated or prolonged exposure : Personal protective clothing should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling.
- Respiratory protection : In case of insufficient ventilation, or when using Ulv Sprayer (fogger) wear suitable NIOSH certified respiratory equipment.
- Other information : Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Color : clear
- Odor : Slight sweet odor
- Odor threshold : No data available
- pH : No data available
- Relative evaporation rate (butyl acetate=1) : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : 140°C / 284°F
- Auto-ignition temperature : Not applicable
- Decomposition temperature : No data available
- Flammability (solid, gas) : Not applicable
- Vapor pressure : No data available
- Relative vapor density at 20 °C : No data available
- Relative density : 1.19 (water=1) at 20 °C
- Solubility : Soluble in water
- Log Pow : No data available
- Log Kow : No data available
- Viscosity, kinematic : No data available
- Viscosity : Not applicable (water-like)
- Explosive properties : None
- Oxidising properties : None

# MDF-500 (Part A)

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Explosive limits : Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage condition

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Direct sunlight. High temperatures. Freezing

### 10.5. Incompatible materials

None

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

Acute toxicity : Not classified  
(Based on available data, the classification criteria are not met)

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes eye irritation.

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified  
(Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified  
(No carcinogen substances in IARC, NTP or OSHA cited.)

Reproductive toxicity : Not classified  
(Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure) : Not classified  
(Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure) : Not classified  
(Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified  
(Based on available data, the classification criteria are not met)

# MDF-500 (Part A)

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### SECTION 12: Ecological information

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#### 12.1. Toxicity

Ecology - general

: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on ozone layer

: No additional information available

Effect on the global warming

: No additional information available

### SECTION 13: Disposal considerations

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#### 13.1. Waste treatment methods

Waste disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with applicable local, national and international regulations. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Waste disposal recommendations- Containers

: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse (or equivalent) promptly after emptying. Wrap container and put in trash.

### SECTION 14: Transport information

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#### In accordance with DOT

Not regulated for transport

#### Additional information

Other information

: No supplementary information available.

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

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#### 15.1. US Federal regulations

SARA 313

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

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.

# MDF-500 (Part A)

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U.S. State Regulations

California Proposition 65

This product does not contain any known Proposition 65 chemicals.

EPA Pesticide Registration Number Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

### 15.2. International regulations

No additional information available

## SECTION 16: Other information

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Indication of changes : 2-Hazards identification  
5-Firefighting measures  
6-Accidental release measures  
7-Handling and storage  
8-Exposure controls/personal protection  
9-Physical and chemical properties  
11-Toxicological information  
12-Ecological information  
15-Regulatory information

Revision date : 04/07/2020

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*