

# Safety Data Sheet

Issued Date: October 5, 2015

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Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name F-203A 128-MN Disinfectant/ Cleaner

### Other means of identification

Product Code F-203A  
EPA Registration Number 10324-112

### Recommended use of the chemical and restrictions on use

Recommended Use Disinfectant/ Cleaner

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

Missouri Vocational Enterprises  
2727 Highway K  
Bonne Terre, MO 63628  
Phone: (573) 358-5516

### Emergency Telephone Number

INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. HAZARDOUS IDENTIFICATION

Signal Word DANGER

Classification	Hazard Category
Skin - Corrosion/Irritation	1
Eye - Corrosion/Irritation	1

### Health Hazard Statement(s)

H302 – Harmful if swallowed.  
H314 – Causes severe skin burns and eye damage.  
H332 – Harmful if inhaled.  
H335 – May cause respiratory irritation.

### Hazard Pictogram(s)



### Hazard Ratings

	HMIS	NFPA
Health	3	3
Flammability	0	0
Reactivity	0	0
PPE	B	N/A

### Precautionary Statement(s)

P102 – Keep out of reach of children.  
P260 – Do not breathe dust/fume/gas/mist/vapors/spray.  
P262 – Do not get in eyes, on skin, or on clothing.  
P264 – Wash face, hands and any exposed skin thoroughly after handling.  
P280 – Wear protective gloves/protective clothing/ eye protection/face protection.  
P301+P330+P331 – IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.  
P303+P361+P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363 – Wash contaminated clothing before reuse.

P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 – Call a POISON CENTER or doctor/physician if you feel unwell.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 – Immediately call a POISON CENTER or doctor/physician.

P405 – Store locked up.

P501 – Dispose of contents/container in accordance with local, regional, and state regulations.

#### Potential Health Effects

<b>Skin Contact</b>	May cause corrosive burns. Brief exposures may cause irritation and defatting of the skin. Exposures not promptly washed off may lead to toxic effects similar to ingestion. Harmful if absorbed through skin.
<b>Eye Contact</b>	May cause burns and may result in permanent injury to eyes including blindness.
<b>Inhalation</b>	Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, and drowsiness. Harmful if inhaled.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea and possibly death. Harmful if swallowed.

### 3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name/Pure Substance	CAS #	Weight-%
Alkyl dimethyl benzyl ammonium chloride (C <sub>12</sub> -C <sub>16</sub> )	68424-85-1	4-6
Octyl decyl dimethyl ammonium chloride	32426-11-2	3-4
Dioctyl dimethyl ammonium chloride	5538-94-3	1-3
Didecyl dimethyl ammonium chloride	7173-51-5	1-3
Ethanol	64-17-5	<2

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. FIRST-AID MEASURES

<b>General Advice</b>	If you feel unwell, seek medical advice (show label where possible).
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Get medical advice/attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water. Take off contaminated clothing. Continue washing for at least 15 minutes. Wash contaminated clothing before reuse. Call a doctor/physician for treatment advice.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Ingestion</b>	Rinse mouth. Drink water if able to swallow. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Most important symptoms and effects

**Symptoms** Probable mucosal damage may contraindicate the use of gastric lavage.

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide, or water fog.

Unsuitable Extinguishing Media: Solid water streams may spread burning liquid.

#### Specific Hazards Arising from the Chemical

Irritating and toxic gases or fumes may be released during a fire.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool down fire exposed containers with spray.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

**Environmental precautions** See Section 12 for additional ecological information.

### Methods and material for containment and clean up

**Methods for Cleanup** Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements, or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

**Large Spills** Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase foaming. Water may not prevent ignition in closed spaces.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Do not handle or store near an open flame, heat, or other sources of ignition. Prevent electrostatic charge buildup by using common bonding and grounding techniques.

**Incompatible Materials** Not available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Guideline	Guideline Value
Ethanol CAS 64-17-5	ACGIH TWA (2002)	1000 ppm (TWA)
	NIOSH Pocket Guide	1000 ppm (TWA)
	Alberta (Canada)	1000 ppm (TWA), 1250 ppm (STEL)
	British Columbia, Manitoba, New Brunswick, Ontario, Quebec (Canada)	1000 ppm (TWA)
	Saskatchewan (Canada)	1880 mg/m <sup>3</sup> (TWA), 2350 mg/m <sup>3</sup> (STEL)
	Yukon (Canada)	1000 ppm (TWA)
	Mexico – Instruction No. 10	1000 ppm (TWA)

All TWAs are for an 8-hour period and all STELs are for 15 minutes unless specifically noted as being for another time period.

Engineering Controls Provide adequate local exhaust ventilation (explosion proof) to maintain worker exposure below exposure limits.

**Individual protection measures, such as personal protective equipment**

Eye/Face Protection Wear chemical goggles. Use a face shield if splashing is possible.

Skin and Body Protection Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.

Respiratory Protection If exposure limits are exceeded or if irritation is experienced, an organic-vapor removing cartridge with a pre-filter respiratory (MSHA/NIOSH approved) protection should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-

General Hygiene Considerations Do not eat, drink, or smoke when using this product. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Physical State	Liquid	Odor	Citrus
Color	Orange	Odor Threshold	Not Determined

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks - Method</u></b>
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pH	6-8	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Over 210 °F (over 99 °C)	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid- Not applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	0.9976 @ 23 °C	
Water Solubility	Complete	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

**10. STABILITY AND REACTIVITY**

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Keep away from heat and strong oxidizing agents. Keep out of reach of children.
Incompatible materials	Strong oxidizing agents (may result in fire), reducing agents.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, and toxic hydrogen chloride vapors.

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Eye contact	Corrosive – Toxicity category 1
Skin contact	Corrosive – Toxicity category 1
Ingestion	Not available.
Inhalation	Not available.

### Symptoms related to the physical, chemical, and toxicological characteristics

Not available.

### Carcinogenicity

No carcinogenicity data available for this mixture.

### Reproductive toxicity

Not available.

### Toxicological information

Not available.

## 12. ECOLOGICAL INFORMATION

### Ectotoxicity

Very toxic to aquatic organisms. Information available upon request, please contact Mason Chemical Company Technical Service Department.

### Persistence and degradability

Biodegradable.

### Bioaccumulative potential

Not available.

### Other adverse effects

Not available.

## 13. DISPOSAL CONSIDERATIONS

### Disposal Instructions

Disposal of this material should be done at a properly permitted facility in accordance with regulations.

### Hazardous Waste Code

Not available.

### Waste from residues / unused products

Dispose of in accordance with local, regional, and state regulations.

### Contaminated Packaging

Packaging may contain unused product so disposal should be in accordance with local, regional, and state regulations.

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT I.D. Number

UN1903

### DOT Proper Shipping Name

Disinfectant Liquid Corrosive, NOS

### DOT Hazard Classes:

US DOT	8
Road (ADR)	8
Air (ICAO/IMDG)	8
Sea (IMO/IMDG)	8

### Packing Group

III

### DOT Label

Corrosive

This product can ship as a "Consumer Container" and reclassified as "ORM-D" if packaged in <1.3 gallon (5.0 L) containers. (Non-Hazardous)

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

Contents of this SDS comply with OSHA Hazard Communication Standard CFR 1910.1200.

### OSHA Hazard Communication Standard (29 CFR 1910.1200)

( X ) Hazardous ( ) Non- Hazardous

### SARA TITLE III

Section 302/304

Section 311/312

Section 313

Extremely Hazardous Substances: No

(40CFR370) Hazardous Categories: Immediate, Fire

Contains the following SARA 313 Toxic Release Chemicals: None

### CERCLA

CERCLA Regulatory

No ingredients listed as reportable.

### State Regulations

#### California Prop 65

This product may contain the following ingredient(s) known to the state of California to cause cancer, birth defects or other reproductive harm: Benzyl Chloride (trace impurity < 10 ppm)

### Inventories

All components are listed on the following inventories: TSCA, Canada (DSL), European Union, China, Korean, and Philippines.

One or more ingredients are not listed on the following inventories: Australia and Japan.

## 16. OTHER INFORMATION

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

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