

Safety Data Sheet

Issued Date: October 19, 2022

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Version 1

1. IDENTIFICATION

Product Identifier

Product Name F-207A R.T.U. Disinfectant/ Cleaner

Other means of identification

Product Code F-207A
EPA Registration Number 10324-85

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

| | |
|---------------------|--|
| Skin Contact | 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. |
| Eye Contact | May cause burns and may result in permanent injury to eyes including blindness. |
| Inhalation | 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. |
| Ingestion | 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 ₁₂ -C ₁₆) | 68424-85-1 | <2 |
| Octyl decyl dimethyl ammonium chloride | 32426-11-2 | <1 |
| Dioctyl dimethyl ammonium chloride | 5538-94-3 | <1 |
| Didecyl dimethyl ammonium chloride | 7173-51-5 | <1 |
| Ethanol | 64-17-5 | <1 |

**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

| | |
|-----------------------|---|
| General Advice | If you feel unwell, seek medical advice (show label where possible). |
| Eye Contact | 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. |
| Skin Contact | 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. |
| Inhalation | 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. |
| Ingestion | 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 ³ (TWA), 2350 mg/m ³ (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.

Appropriate engineering controls

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

Color

Orange

Odor

Citrus

Odor Threshold

Not Determined

PropertyValuesRemarks - Method

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

| | |
|--------------------------|---|
| <u>Note</u> | 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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