

SAFETY DATA SHEET

Date Issued : 03/27/2019
SDS No : Janisource_Viru Scrub RTU

Viru Scrub RTU

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Viru Scrub RTU
GENERAL USE: Disinfectant, Virucide, Fungicide
PRODUCT DESCRIPTION: RTU Tuberculacidal Disinfectant
CHEMICAL FAMILY: Quaternary Ammonium Chloride

DISTRIBUTOR

Jani-Source Inc.
PO Box 874
Marietta, OH 45750
Customer Service: 740-374-6298

EPA REG. NO.: 1839-83-83937

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEM-TEL (Medical and Transportation): 800-255-3924
POISON CONTROL CENTER (Medical): 800-222-1222

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 3
Eye Irritation, Category 2B

GHS LABEL

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.
H316: Causes mild skin irritation.
H303: May be harmful if swallowed.

PRECAUTIONARY STATEMENT(S)

Prevention:

P264: Wash hands thoroughly after handling.
P234: Keep only in original packaging.

Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310: Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing.

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Blue liquid

IMMEDIATE CONCERNS: Moderate eye irritant.

POTENTIAL HEALTH EFFECTS

EYES: Contact causes eye irritation.

SKIN: May be mildly irritating with prolonged or repeated contact.

SKIN ABSORPTION: No known significant effects or critical hazards.

INGESTION: Harmful if swallowed.

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: No known significant effects or critical hazards.

CARCINOGENICITY: No known significant effects or critical hazards.

MUTAGENICITY: No known significant effects or critical hazards.

ROUTES OF ENTRY: Eye, skin, ingestion.

WARNING CAUTION LABELS: Irritant

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|--|--------|------------|
| n-Alkyl dimethyl benzyl ammonium chloride (C12-C18) | 0.105 | 68391-01-5 |
| n-Alkyl dimethyl ethylbenzyl ammonium chloride (C12-C14) | 0.105 | 85409-23-0 |
| Tetrasodium ethylenediamine tetraacetate | 0 - 2 | 64-02-8 |
| Diethylene Glycol Butyl Ether | 5 - 10 | 112-34-5 |
| Dye | < 0.1 | TS |
| Fragrance | < 1 | TS |
| Water | 90 | 7732-18-5 |

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

SKIN: Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Burning sensation with tears, redness.

SKIN: Redness and itching sensation.

INGESTION: Irritation of mouth, throat, along with stomach upset, vomiting.

INHALATION: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

ACUTE EFFECTS: Irritating to eyes, mild skin irritation.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

EXTINGUISHING MEDIA: Not required.

EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products may include: Carbon dioxide, Carbon monoxide, nitrogen oxides.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid discharges into open waterways.

LAND SPILL: Avoid discharge to soil.

AIR SPILL: NA = Not Applicable

GENERAL PROCEDURES: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

RELEASE NOTES: Product is toxic to fish.

SPECIAL PROTECTIVE EQUIPMENT: Eye protection, rubber gloves, rubber boots to protect feet.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not contaminate water, food, or feed by storage or disposal.

HANDLING: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

STORAGE: Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, and water sources. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

STORAGE TEMPERATURE: (50°F) Minimum to (120°F) Maximum

STORAGE PRESSURE: Store at ambient atmospheric pressure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) | | | | |
|---|-------------------------------|-----------|-----|-------------------|
| EXPOSURE LIMITS | | | | |
| Chemical Name | Type | | ppm | mg/m ³ |
| | Diethylene Glycol Butyl Ether | ACGIH TLV | TWA | 10 |
| Supplier OEL | | TWA | 35 | NL |
| | | STEL | NL | NL |

PERSONAL PROTECTIVE EQUIPMENT**EYES AND FACE:** Safety glasses with side shields.**SKIN:** Rubber or other chemical resistant gloves.**RESPIRATORY:** A respirator is not needed under normal and intended conditions of product use.**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.**9. PHYSICAL AND CHEMICAL PROPERTIES****PHYSICAL STATE:** Liquid**ODOR:** Fresh**ODOR THRESHOLD:** Not Established**COLOR:** Blue**pH:** 11.5 to 12.0**PERCENT VOLATILE:** >98**FLASH POINT AND METHOD:** None**FLAMMABLE LIMITS:** N/A**AUTOIGNITION TEMPERATURE:** NA = Not Applicable**VAPOR PRESSURE:** 20 mm Hg at (68°F)**VAPOR DENSITY:** ~ 1 Air = 1**BOILING POINT:** 212° F; 100° C**FREEZING POINT:** 32° F; 0° C**THERMAL DECOMPOSITION:** Not Available**SOLUBILITY IN WATER:** Complete**EVAPORATION RATE:** (Water =1) 1.0**DENSITY:** 8.37 at 20°C (68°F)**SPECIFIC GRAVITY:** 1.003 grams/ml. at 20°C (68°F)**VISCOSITY:** Water thin.**(VOC):** None**10. STABILITY AND REACTIVITY****REACTIVITY:** Stable**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** Not Established**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.**INCOMPATIBLE MATERIALS:** Strong oxidizers**11. TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

| Chemical Name | ORAL LD ₅₀ (rat) | DERMAL LD ₅₀ (rabbit) |
|--|-----------------------------|----------------------------------|
| n-Alkyl dimethyl benzyl ammonium chloride (C12-C18) | > 1890 mg/kg (rat) | > 2000 mg/kg (rabbit) |
| n-Alkyl dimethyl ethylbenzyl ammonium chloride (C12-C14) | > 500 mg/kg (rat) | > 2000 mg/kg (rabbit) |
| Tetrasodium ethylenediamine tetraacetate | 3030 mg/kg (rat) | > 5000 mg/kg (rabbit) |
| Diethylene Glycol Butyl Ether | ~ 4500 mg/kg (rat) | ~ 2764 mg/kg (rabbit) |

DERMAL LD₅₀: > 2000 mg/kg male and female rabbits.**ORAL LD₅₀:** > 5000 mg/kg Male and Female rats.**SKIN CORROSION/IRRITATION:** NA = Not Applicable**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.**CARCINOGENICITY****IARC:** No listed substance

REPRODUCTIVE TOXICITY: No known significant effects or critical hazards.

STOT-SINGLE EXPOSURE: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Established

ECOTOXICOLOGICAL INFORMATION: This product is toxic to fish.

AQUATIC TOXICITY (ACUTE): Not Established

CHEMICAL FATE INFORMATION: This product is biodegradable.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Attempt to use product completely in accordance with intended use. 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 your local office, or the nearest EPA regional office for guidance.

FOR LARGE SPILLS: Consult with local and state authorities for large volume disposal.

EMPTY CONTAINER: Triple rinse container promptly after emptying. Fill container 1/4 full with water and recap. Shake for 10 seconds. Drain and repeat. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

PLACARDS: None

LABEL: None

U.S. CUSTOMS HARMONIZATION NUMBER: 3808.94.0000

AIR (ICAO/IATA)

SHIPPING NAME: Not regulated.

VESSEL (IMO/IMDG)

SHIPPING NAME: Not regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Health - Acute

313 REPORTABLE INGREDIENTS: No listed substance

EPCRA SECTION 313 SUPPLIER NOTIFICATION

| Chemical Name | Wt.% | CAS |
|-------------------------------|--------|----------|
| Diethylene Glycol Butyl Ether | 5 - 10 | 112-34-5 |

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: No listed substance

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients are listed on the TSCA Chemical Inventory.

CALIFORNIA PROPOSITION 65: No listed substance

CARCINOGEN: No listed substance

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): Regulated

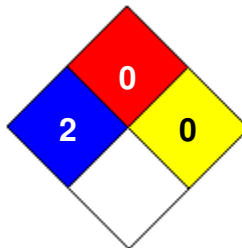
16. OTHER INFORMATION

PREPARED BY: reg **Date Prepared:** 03/27/2019

HMIS RATING

| | |
|---------------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | B |

NFPA CODES



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