



**VOLUNTARY PURCHASING GROUPS, INC.**

## Safety Data Sheet Ferti-lome Weed-Out With Crabgrass Killer RTU

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### SECTION 1: Identification

#### GHS Product identifier

Product name Ferti-lome Weed-Out With Crabgrass Killer RTU  
Product number 11036  
Brand Ferti-lome

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

#### Supplier's details

Name Voluntary Purchasing Groups, Inc.  
Address 230 FM 87  
Bonham TX 75418  
USA  
  
Telephone 855-270-4776

#### Emergency phone number

In the event of a medical or chemical emergency contact ChemTel, Inc.  
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

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### SECTION 2: Hazard identification

#### General hazard statement

- Harmful if swallowed or in contact with skin
- May cause an allergic skin reaction

#### Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)

#### GHS label elements, including precautionary statements

Signal word Warning

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### SECTION 3: Composition/information on ingredients

#### Mixtures

#### Hazardous components

Component	Concentration
Dma 4 (dow) 49 percent 2,4- d, dimethylamine salt (CAS no.: 2008-39-1)	Not specified

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CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>3,7-Dichloroquinoline-8-carboxylic acid (CAS no.: 84087-01-4; EC no.: 402-780-1; Index no.: 607-186-00-8)</b>	<b>Not specified</b>
CLASSIFICATIONS: Sensitization, skin, Cat. 1. HAZARDS: H317 - May cause an allergic skin reaction.	
<b>Dimethylamine dicamba (CAS no.: 2300-66-5; EC no.: 218-951-7; Index no.: 607-044-00-5)</b>	<b>Not specified</b>
CLASSIFICATIONS: Eye damage/irritation, Cat. 2A; Hazardous to the aquatic environment, long-term (chronic), Cat. 3. HAZARDS: H319 - Causes serious eye irritation; H412 - Harmful to aquatic life with long lasting effects.	

### SECTION 4: First-aid measures

#### Description of necessary first-aid measures

General advice	Show this safety data sheet to the doctor in attendance.
If inhaled	Remove to fresh air.
In case of skin contact	Wash with soap and water. May cause an allergic skin reaction. Wash off immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
If swallowed	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

#### Most important symptoms/effects, acute and delayed

No information available.

#### Indication of immediate medical attention and special treatment needed, if necessary

May cause sensitization in susceptible persons. Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Specific hazards arising from the chemical

In the event of fire and/or explosion do not breathe fumes. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

#### Special protective actions for fire-fighters

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

### SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

#### Environmental precautions

Do not flush into surface water or sanitary sewer system Prevent further leakage or spillage if safe to do so Prevent product from entering drains See Section 12 for additional

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ecological information

### Methods and materials for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Pick up and transfer to properly labeled containers.

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## SECTION 7: Handling and storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing. Keep in properly labeled containers.

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## SECTION 8: Exposure controls/personal protection

### Control parameters

#### 1. Dma 4 (dow) 49 percent 2,4- d, dimethylamine salt (CAS: 2008-39-1)

TWA (Inhalation): 10 mg/m3 (ACGIH)

TWA (Inhalation): 10 mg/m3 (US/OSHA)

TWA (Inhalation): 10 mg/m3 (NIOSH)

IDLH (Inhalation): 10 mg/m3 (NIOSH)

### Appropriate engineering controls

Showers

Eyewash stations

Ventilation system

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin protection

Wear long-sleeved shirt, long pants, socks and shoes.

#### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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## SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)

Clear Liquid

Odor

Mild Sweet

Odor threshold

No information available

pH

7-9

Melting point/freezing point

None known

Initial boiling point and boiling range

212 °F

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Flash point	210 °F CC (Closed Cup)
Evaporation rate	<1
Flammability (solid, gas)	None known
Upper/lower flammability or explosive limits	No data available
Vapor pressure	>17 mm Hg
Vapor density	>1
Relative density	8.35 pounds/gallon
Solubility(ies)	Soluble in wate
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	None known
Decomposition temperature	None known
Viscosity	No information available

### Additional properties

Physical state	Liquid
Color	Brown

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## SECTION 10: Stability and reactivity

### Reactivity

No information available.

### Chemical stability

No information available.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Keep out of reach of children.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

May emit toxic fumes under fire conditions. Hydrogen chloride. Nitrogen oxides (NOx). Carbon monoxide.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Dimethylamine dicamba

LD50 Oral - Rat - 1267 mg/kg

LD50 Skin - Rabbit - 2000 mg/kg

Quinclorac

LD50 Oral - Rat - 2190 mg/kg

DMA 4 (DOW) 49 PERCENT 2,4- D, DIMETHYLAMINE SALT

LD50 Oral - Rat - 625 mg/kg

LD50 Skin - Rabbit - 2115 mg/kg

IARC carcinogen

Result: Group 2B

#### Skin corrosion/irritation

No information available.

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### Serious eye damage/irritation

No information available.

### Respiratory or skin sensitization

May cause sensitization by skin contact.

### Germ cell mutagenicity

No information available

### Carcinogenicity

The International Agency for Research on Cancer (IARC) lists chlorophenoxy herbicides in its Group 2B (limited evidence for Carcinogenicity in humans.) The US EPA has given the chlorophenoxy Herbicides 2,4-D, 2,4-DP, MCPP, and MCPA a Class D classification (not classifiable as to human carcinogenicity.) More current 2,4-D lifetime feeding studies in rats and mice did not show carcinogenic effects and a recent World Health Organization (WHO) review of 2,4-D toxicology has concluded that 2,4-D is not a carcinogen.

### Reproductive toxicity

No information available

### Specific target organ toxicity (STOT) - single exposure

No information available

### Specific target organ toxicity (STOT) - repeated exposure

No information available

### Aspiration hazard

No information available

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## SECTION 12: Ecological information

### Toxicity

DMA 4 (DOW) 49 PERCENT 2,4- D, DIMETHYLAMINE SALT

Fish - 326: 96 h Cyprinus carpio mg/L LC50 static

### Persistence and degradability

No information available.

### Bioaccumulative potential

No information available.

### Other adverse effects

Toxic to fish and aquatic invertebrates.

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### Packaging disposal

Do not reuse empty containers.

#### Waste treatment

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### SECTION 14: Transport information

**DOT (US)**  
Not regulated

**IMDG**  
Not regulated

**IATA**  
Not regulated

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### SECTION 15: Regulatory information

#### Safety, health and environmental regulations specific for the product in question

##### Water hazard class (WGK, Germany)

Chemical name: Dma 4 (dow) 49 percent 2,4- d, dimethylamine salt, cas number: 2008-39-1  
WGK hazard class: WGK 2 - Hazardous to water

##### Water hazard class (WGK, Germany)

Chemical name: 3,7-Dichloroquinoline-8-carboxylic acid, cas number: 84087-01-4  
WGK hazard class: WGK 2 - Hazardous to water

##### Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: Dimethylamine dicamba  
CAS number: 2300-66-5  
TRI listing: X-reportable; CERCLA listing: unlisted; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: Added to TURA and TRI RY1995

##### New Jersey Right To Know Components

Common name: Dimethylamine dicamba  
CAS number: 2300-66-5

##### SARA 313 Components

Product name: Ferti-lome Weed-Out With Crabgrass Killer RTU

##### SARA 311/312 Hazards

Product name: Ferti-lome Weed-Out With Crabgrass Killer RTU

##### CWA (Clean Water Act)

Product name: Ferti-lome Weed-Out With Crabgrass Killer RTU

##### Comprehensive Environmental Response Compensation and Liability Act (CERCLA)(401 CFR 302)

Product name: Ferti-lome Weed-Out With Crabgrass Killer RTU

##### Pennsylvania Right To Know Components

Product name: Ferti-lome Weed-Out With Crabgrass Killer RTU

#### HMIS Rating

Ferti-lome Weed-Out With Crabgrass Killer RTU	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

#### NFPA Rating

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**SECTION 16: Other information**

**Further information/disclaimer**

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