



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet

Natural Guard Brand by Ferti-lome Lawn Weed Killer Selective Ready to Use

SECTION 1: Identification

Product identifier

Product name Natural Guard Brand by Ferti-lome Lawn Weed Killer Selective Ready to Use
Product number
Brand Natural Guard Brand by Ferti-lome

Other means of identification

EPA Reg. No. 67702-27-7401

Supplier's details

Name Voluntary Purchasing Groups, Inc.
Address 230 FM 87
Bonham, TX 75418
USA

Telephone 855-270-4776

Emergency phone number(s)

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

SECTION 2: Hazard identification

Classification of the substance or mixture

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

GHS label elements, including precautionary statements

Pictogram



1. Exclamation mark

Signal word

Warning

Hazard statement(s)

H303 May be harmful if swallowed
H313 May be harmful in contact with skin

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H333	May be harmful if inhaled
H316	Causes mild skin irritation
H320	Causes eye irritation

Precautionary statement(s)

P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

Substances

Hazardous components

1. Sodium nitrate

Concentration <= 2 %

Other names / synonyms Chile saltpeter; Cubic niter; Nitric acid sodium salt (1:1); Soda niter;
CAS no. 7631-99-4

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	Call poison control center or doctor for treatment advice. Have the product container or label with you when you calling the poison control center or doctor or going for treatment.
If inhaled	Move victim to fresh air. Administer oxygen if breathing is difficult. Call poison control center or doctor for treatment advice.
In case of skin contact	Remove contaminated clothing and wash with plenty of water for 15-20 minutes. Get medical advice/ attention
In case of eye contact	Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses after 5 minutes if present and continue rinsing eye. Get medical attention.
If swallowed	Call poison control center or doctor for treatment advice.

Most important symptoms/effects, acute and delayed

Eye and skin irritation

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

None known

SECTION 5: Fire-fighting measures

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Suitable extinguishing media

Dry chemical, foam, carbon dioxide

Specific hazards arising from the chemical

No data available.

Special protective actions for fire-fighters

No data available.

Further information

No data available.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment. Do not touch or walk through spilled material. Do not touch damage containers or spilled material unless wearing appropriate clothing.

Environmental precautions

Avoid run off to waterway and sewers.

Methods and materials for containment and cleaning up

Do not use in a manner that would allow drift or rinse water from equipment cleaning to contaminate water sources or supplies.

Absorb or cover with dry earth, sand or absorbent materials and transfer to containers.

Reference to other sections

Refer to Section 13 for disposal considerations.

SECTION 7: Handling and storage

Precautions for safe handling

No special precautions are necessary if handled correctly.

Conditions for safe storage, including any incompatibilities

Keep in original container. Store in a dry place, away from direct sunlight, feed, or foodstuffs. Keep containers closed when not in use. Keep away from incompatible materials

Specific end use(s)

Use only as specified on label.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

None specified

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

Pictograms



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Eye/face protection

Not specified

Skin protection

Long pants, long sleeved shirt socks and shoes

Body protection

Coveralls

Respiratory protection

None specified

Thermal hazards

None specified

Environmental exposure controls

For terrestrial use only: Do not apply directly to water or to areas where surface water is present, or to inter tidal areas below the mean high water mark. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Dark Red Liquid
Odor	Slight ammonia smell
Odor threshold	No data available.
pH	5.5 - 6.5
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.00 - 1.04 gm/ml
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	1.0 - 3.0 cPs Brookfield LVF
Explosive properties	Does not present explosion hazard
Oxidizing properties,	No data available.

Other safety information

No data available.

SECTION 10: Stability and reactivity

Reactivity

No dangerous reaction known under condition of normal use.

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Chemical stability

Stable

Possibility of hazardous reactions

None known

Conditions to avoid

Exposure to excessive heat

Incompatible materials

Aluminum, Zinc, Steel

Hazardous decomposition products

NH₃, NO_x

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Toxicological information on the substance or mixture:

LD50 (oral)

> 5000 mg/kg (test with similar product containing higher concentration of the same active ingredient)

LD50 (dermal)

Skin corrosion/irritation

Slightly irritating, Toxicity Category IV (test with similar product containing higher concentration of the same active ingredient)

Serious eye damage/irritation

Minimally irritating, Toxicity Category III (test with similar product containing higher concentration of the same active ingredient)

Respiratory or skin sensitization

Mildly sensitizing (test with similar product containing high concentration of the same AI)

Germ cell mutagenicity

No data available.

Carcinogenicity

NTP Listed: Not applicable

IARC Listed: Not applicable

OSHA: Not applicable

Reproductive toxicity

No data available.

Summary of evaluation of the CMR properties

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

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Aspiration hazard

No data available.

Additional information

SECTION 12: Ecological information

Toxicity

No further relevant information available

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Do not contaminate water, food, or feed by storage and disposal.

Dispose of content and/or container in accordance with local, regional, national and/or international regulations.

Disposal of contaminated packaging

Dispose of content and/or container in accordance with local, regional, national and/or international regulations.

Other disposal recommendations

Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

SECTION 14: Transport information

DOT (US)

UN Number: Not regulated.

Class: Not regulated.

Packing Group: Not regulated.

Proper Shipping Name: Not regulated.

Reportable quantity (RQ): Not regulated.

Marine pollutant: Not regulated.

Poison inhalation hazard: Not regulated.

SECTION 15: Regulatory information

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

Pennsylvania Right to Know Components

Chemical name: Nitric acid, sodium salt

CAS number: 7631-99-4

Chemical Safety Assessment

No data available.

SECTION 16: Other information

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither Voluntary Purchasing Groups, Inc. nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.