

SAFETY DATA SHEET



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Revision Number 1.01

1. IDENTIFICATION

Product Name Spruce Weed & Grass Killer 2
Spruce Weed & Grass Killer 2 Snap & Spray System
Spruce Weed & Grass Killer 2 Snap & Spray Refill

Product Identifier 20253227_RET_NG

Product Type: Finished Product - Retail

Recommended use Herbicide.

Manufacturer PROCTER & GAMBLE – P&G Ventures
Mason Business Center
8700 Mason Montgomery Rd
Mason, OH 45040 PROCTER & GAMBLE - Fabric and Home Care Division
Ivorydale Technical Centre
5299 Spring Grove Avenue
Cincinnati, Ohio 45217-1087 USA

Procter & Gamble Inc.
P.O. Box 355, Station A
Toronto, ON M5W 1C5
1-800-331-3774

E-mail Address pgsds.im@pg.com

Emergency Telephone Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

Skin corrosion/irritation	Category 2
Eye Damage / Irritation	Category 2
Skin sensitization	Category 1
Flammable liquids	Category 4
Signal word	Warning
Hazard statements	Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction
Physical hazards	Combustible liquid
Hazard pictograms	



Precautionary Statements

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves
IF ON SKIN:
Take off contaminated clothing and wash before reuse
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician
Immediately call a POISON CENTER or doctor/physician
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Keep away from heat
Wear protective gloves/protective clothing/eye protection/face protection
Store in a well-ventilated place. Keep cool
Store in a well-ventilated place
If eye irritation persists: Get medical advice/attention
Keep container tightly closed
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Wash hands thoroughly after handling
Wear protective gloves and protective clothing
Use personal protective equipment as required

Precautionary Statements - Response

In case of fire: Use water, CO2, dry chemical, or foam for extinction
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of water and soap
If skin irritation or rash occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical name	Synonyms	Trade Secret	CAS No	Weight-%
Sodium Lauryl Sulfate	Sodium Lauryl Sulfate	No	151-21-3	5 - 10
Urea	Urea	No	57-13-6	1 - 5
Geraniol	Geraniol	No	106-24-1	1 - 5
Isopropyl Alcohol	Isopropyl Alcohol	No	67-63-0	1 - 5
Mentha Arvensis Leaf Oil	Mentha Arvensis Oil	No	68917-18-0	0.5 - 1.5

Additional information Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. If eye irritation persists: Get medical advice/attention.
Skin contact	IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Ingestion	Clean mouth with water and drink afterwards plenty of water. If swallowed: Not an expected route of exposure.
Inhalation	None under normal use.
Most important symptoms/effects, acute and delayed	Risk of serious damage to eyes May cause sensitization by skin contact

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable properties	Combustible liquid
Suitable extinguishing media	Dry chemical. Alcohol resistant foam. Carbon dioxide (CO ₂).
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.
Special Hazard	Fumes may catch fire.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective gloves/protective clothing and eye/face protection.
Advice for emergency responders	Use personal protective equipment as required.
Environmental precautions	Do not discharge product into natural waters without pre-treatment or adequate dilution

Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Keep container closed when not in use. Keep away from open flames, hot surfaces and sources of ignition. Never return spills in original containers for re-use. Use personal protective equipment as required. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep away from open flames, hot surfaces and sources of ignition. Store away from other materials.

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

Incompatible products None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines No exposure limits noted for ingredient(s).

No relevant exposure guidelines for other ingredients

Appropriate engineering controls

Engineering Measures **Manufacturing Sites:**
Ensure adequate ventilation
Distribution, Workplace and Household Settings:
Not relevant

Personal protective equipment

Eye Protection **Manufacturing Sites:**
Wear eye/face protection
Distribution, Workplace and Household Settings:
Requires Eye Protection
Wear safety glasses with side shields (or goggles)

Hand Protection **Manufacturing Sites:**
Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion
Distribution, Workplace and Household Settings:
Protective gloves

Skin and Body Protection **Manufacturing Sites:**
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact
Distribution, Workplace and Household Settings:
No special protective equipment required

Respiratory Protection No special protective equipment required

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid
Appearance clear colorless
Odor Mint-like

Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	6.0	
Melting point / freezing point	No information available	
Initial boiling point and boiling range	99 °C / 210 °F	
Flash point	62 °C / 143.6 °F	Closed cup.
Evaporation rate	No information available	
Flammability	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Relative vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity	No information available	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.	
VOC content	.?%	

10. STABILITY AND REACTIVITY

Reactivity	None under normal use conditions.
Stability	Stable under normal conditions.
Hazardous polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible Materials	None in particular.
Hazardous decomposition products	None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Inhalation	No known effect.
Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Symptoms may be delayed. Irritating to skin.
Ingestion	No known effect.
Eye contact	Risk of serious damage to eyes. Avoid contact with eyes. Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	No known effect.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/eye irritation	Risk of serious damage to eyes. Causes serious eye irritation.
Skin sensitization	May cause sensitization by skin contact.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.

Reproductive toxicity No known effect.
 Developmental toxicity No known effect.
 STOT - single exposure No known effect.
 STOT - repeated exposure No known effect.
 Aspiration hazard No known effect.
 Carcinogenicity No known effect.

Component Information

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Lauryl Sulfate	151-21-3	978 mg/kg (RAT)	5001 mg/kg (RAT)	> 3900 mg/m ³ (Rat) 1 h
Urea	57-13-6	14300 mg/kg (RAT)	-	-
Geraniol	106-24-1	3600 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
Isopropyl Alcohol	67-63-0	5840 mg/kg (RAT)	= 4059 mg/kg (Rabbit)	> 10000 ppm (Rat) 6 h
Mentha Arvensis Leaf Oil	68917-18-0	1240 mg/kg (RAT)	-	-

12. ECOLOGICAL INFORMATION

ecotoxicity

The product is not expected to be hazardous to the environment.

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from Residues/Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

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

14. TRANSPORT INFORMATION

DOT Not regulated

IMDG Not regulated

IATA Not regulated

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No	SARA 313 - Threshold Values %
Isopropyl Alcohol	67-63-0	1.0

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

FIFRA

This product is defined as "Minimum Risk Pesticide" by the EPA and is exempt from Federal (EPA) registration requirements.

The basis for the exemption is the FIFRA 25(b) criteria. The active and the inert ingredients are listed as "demonstrably safe for the intended use". This chemical is a pesticide product under FIFRA regulations and is subject to certain labeling requirements. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

CAUTION

U.S. State Regulations (RTK)

Chemical name	CAS No	New Jersey
Isopropyl Alcohol	67-63-0	X

Chemical name	CAS No	Massachusetts
Isopropyl Alcohol	67-63-0	X

Chemical name	CAS No	Pennsylvania
Isopropyl Alcohol	67-63-0	X

California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

International Inventories

United States

All intentionally-added components of this product(s) are listed on the US TSCA Inventory

Canada

This product is in compliance with CEPA for import by P&G

Legend

United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION

HMIS

NFPA

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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 a 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

End of Safety Data Sheet