



THE EXPERIENCED CARPET CLEANER'S CHOICE

SAFETY DATA SHEET

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Chemical Name	Mixture
Trade Name	Guardian Perseverance
CAS No.	Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Soil and Stain Repellant
Uses Advised Against	Do not aerosolize

Details of the supplier of the safety data sheet

Company Identification	Bonnet Pro LLC 4529 Bethlehem Pike, Telford Pa 18969 877-477-1615; M-F 9:00 AM-4:30 PM E.T
Telephone	

Emergency Telephone number

Emergency Phone No.	Infotrac 24 hr: 1 (800) 535-5053; International +1 (352) 323-3500
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SECTION 2 –HAZARD IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Flam. Liq. 3; Skin Irrit 2; STOT SE 3; Asp. Tox. 1
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Label elements

Hazard Symbols



Signal Word(s)

DANGER

Hazard Statement(s)

Flammable liquid and vapour
 Causes skin irritation
 May cause drowsiness or dizziness
 May be fatal if swallowed and enters airways

Precautionary Statement(s)

Keep away from heat; hot surfaces, sparks, open flames and other ignition sources. No smoking.

Take precautionary measures against static discharge. Ground/bond container and receiving equipment. Use only non-sparking tools.

Keep container tightly closed.

Wear protective gloves/eye protection/face protection. Use only outdoors or in a well-ventilated area. Avoid breathing vapours. Wash hands and exposed skin after use.

Other hazards

Toxic to aquatic life. Toxic to aquatic life with long lasting effects

Additional Information

None

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

Composition of Ingredients	%W/W	CAS No.	Hazard classification
C9-C11 Isoalkanes	< 60%	68551-16-6	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H336
C12-C14 Isoalkanes	>30%	68551-19-9	Flam. Liq. 4; H227 Asp. Tox 1; H304
Perfluorinated polymer	<10%	Trade Secret	Not classified as dangerous for supply/use

Additional information – Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below. - **None**

SECTION 4 – FIRST AID MEASURES



Description of First aid procedures:

- Inhalation** Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention
- Skin Contact** Wash affected skin area with plenty of water. If irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before use.
- Eye Contact** Rinse cautiously with water for several minutes. Remove any contact lenses. Continue rinsing. If eye irritation persists get medical advice/attention.
- Ingestion** Do not give anything by mouth to an unconscious person. Do NOT induce vomiting. Get immediate medical attention.

Most important symptoms and effects both acute and delayed: Aspiration of liquid may cause pulmonary oedema. May cause drowsiness or dizziness.

Indication of any immediate medical attention and special treatment needed IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

SECTION 5– FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media

In case of fire: Use CO2, dry chemical, or foam

Specific end use(s) Soil and Stain Repellant

SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters
Occupational Exposure Limits

		LTEL	LTEL	STEL	STEL	
Substance	CAS No.	PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	Note:
Alkanes and cycloalkanes (C5-C8)	-----	-----	1500 mg/m3	-----	-----	-----
Alkanes and Cycloalkanes (C9-C15)	-----	-----	1200 mg/m3	-----	-----	-----

-LTEL: Long Term Exposure Limit; STEL: Short Term Exposure Limit

Exposure Controls

Appropriate engineering controls

Not normally required

Personal Protection Equipment

The following to be used as necessary:

Eye/face protection

Safety glasses with side-shields



Skin protection (Hand/other)

Gloves (Butyl rubber, Neoprene, or Natural rubber). Check with protective equipment manufacturer's data



Respiratory protection

Not normally required. In cases of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data



Thermal hazards

Not normally required

Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance

Liquid

Color

Clear to slightly hazy. Almost colorless to pale yellow

Odor

Characteristic

Odor Threshold (ppm)

Not available

pH (Value)

Not available

Melting Point/Freezing Point (C)

Not available

Boiling Point/boiling range (C)	~160
Flash Point (C)	40
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	0.7% - 5.6% v/v (Isoparaffic hydrocarbon)
Vapour pressure (Pascal)	Not available
Vapour Density (Air = 1)	Not available
Density (g/ml)	0.84 (+/-0.04)
Solubility (Water)	Insoluble
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (C)	Not applicable
Decomposition Temperature	Not available
Kinematic Viscosity (cSt) @ 40C	1.21 (Isoparaffic hydrocarbon)
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

Other Information Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Chemical Stability	Stable
Possibility of hazardous reactions	None anticipated
Conditions to avoid	Avoid contact with heat and ignition sources
Incompatible materials	Strong oxidizing agents and water
Hazardous decomposition product(s)	At temperatures over 200 degrees C or under fire conditions, toxic

SECTION 11 - TOXOLOGICAL INFORMATION

Exposure routes: Ingestion, Skin Contact, Eye Contact, Inhalation

Information on toxicological effects

Isoparaffinic Hydrocarbon (CAS#64742-48-9) – By analogy with similar materials:

Acute toxicity	Oral: LD50>5000 mg/kg (rat) Dermal: LD50>2000 mg/kg (rabbit)
Irritation/Corrosivity	Causes skin irritation
Sensitization	It is not a skin sensitizer
Repeated dose toxicity	None anticipated
Mutagenicity	None anticipated
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man

NTP	IARC	ACGIH	OSHA
No	No	No	No

Developmental Toxicity	None anticipated
Toxicity for reproduction	None anticipated
Other Information	None known

SECTION 12 ECOLOGICAL INFORMATION

Substances in preparations/mixtures:

Isoparaffinic Hydrocarbon (CAS#64742-48-9) – By analogy with similar materials

Acute toxicity	LC50 (96 hour) = 8.2 mg/l (Pimephales promelas) EL50 (48 hour) = 4.5 mg/l (Daphnia magna)
Long Term Toxicity	NOELR (21 days)=2.6 mg/l (Daphnia magna) NOELR (72 hour)= 0.5 mg/L (Pseudokirchnerella subcapitata)
Persistence and degradability	According to OECD criteria the substance is not readily biodegradable but inherently biodegradable
Bioaccumulative potential	No data
Mobility in soil	No data
Results of PBT and vPvB Assessment	Not classified as PBT or vPvB
Other adverse effects	None known

SECTION 13 - DISPOSAL INFORMATION

Waste treatment methods	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.
Additional Information	None known

SECTION 14 - TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	NA 1993	UN1268	UN1268
Proper Shipping Name	Combustible liquid, n.o.s (Contains: Petroleum Distillate)	Petroleum Distillate, n.o.s	Petroleum Distillate, n.o.s.
Transport hazard class(es)	Comb. Liq	3	3
Packing group	III	III	III
Hazard label(s)	Combustible Liquid	Flammable Liquid	Flammable Liquid
Environmental hazards	No	No	No
Special Precautions for user	None Assigned	None Assigned	None Assigned

Transport in bulk according to AnnexII of MARPOL73/78 and IBC Code: Not applicable

*Reclassified as a “combustible liquid” according to 49 CFR 173.120 (b)(2). Not regulated for ground shipments in the U.S. in non-bulk packaging (<119 gallons).

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) – Inventory status: All components listed or polymer exempt. Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4)

Chemical Name	CAS NO	Typical %wt	RQ (Pounds)
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SARA 311/312 – Hazardous Categories: None

Fire Sudden Release Reactivity Immediate Chronic

SARA 313 – Toxic Chemicals (40CFR 372)

Chemical Name	CAS #	Typical % wt.
None	-----	-----

SARA 302 – Extremely Hazardous Substances (40 CFR 355)

Chemical Name	CAS No.	Typical % wt	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California)

Chemical Name	CAS No.	Typical % wt.	Hazards
None	-----	-----	-----

SECTION 16 - OTHER INFORMATION

The following section contains revisions or new statements: 14

Date of Revision: June 3, 2015

Date of Preparation: November 20, 2015

Hazard Statement(s) Listed in: SECTION 3

- H226: Flammable liquid and vapor
- H315: Causes skin irritation
- H304: May be fatal if swallowed and enters airways
- H336: May cause drowsiness or dizziness
- H401: Toxic to aquatic life
- H411: Toxic to aquatic life with long lasting effects

Training Advice: None

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. To the best of our knowledge information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes 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 materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.