

# Safety Data Sheet

## VITA POWDER SCAN SPRAY

Revision date: 31.05.2023

Product code: ECSCAN75V2

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### 1. Identification

#### Product identifier

VITA POWDER SCAN SPRAY

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

#### Details of the supplier of the safety data sheet

Company name: PRISMAN GmbH  
Street: Otto-Hahn-Ring 6-18  
Place: 64653 Lorsch  
Telephone: +49 (0) 6251 866980-0  
e-mail (Contact person): Metz@prisman.de  
Responsible Department: Abteilung Produktsicherheit

**Emergency telephone number:** +49 (0) 6251 866980-0

### 2. Hazard identification

#### Classification of the substance or mixture

##### **Regulation (EC) No 1272/2008**

Aerosol 3; H229

Full text of hazard statements: see SECTION 16.

Pressurised container: May burst if heated.

#### Label elements

##### **Regulation (EC) No 1272/2008**

**Signal word:** Warning

##### **Hazard statements**

H229 Pressurized container: may burst if heated.

##### **Precautionary statements**

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P271 Use only outdoors or in a well-ventilated area.  
P251 Do not pierce or burn, even after use.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Other hazards

Results of PBT and vPvB assessment

### 3. Composition/information on ingredients

#### Mixtures

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**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
431-89-0	1,1,1,2,3,3,3-Heptafluorpropan			50-100 %
	207-079-2		01-2119485489-18	
	Liquefied gas; H280			
109-66-0	pentane			<1.5 %
	203-692-4	601-006-00-1	01-2119459286-30	
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411 EUH066			

Full text of H statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
431-89-0	207-079-2	1,1,1,2,3,3,3-Heptafluorpropan	50-100 %
	inhalation: LC50 = 788.696 mg/l (vapours)		
109-66-0	203-692-4	pentane	<1.5 %
	inhalation: LC50 = 25.3 mg/l (vapours); oral: LD50 = >5.000 mg/kg		

**Further Information**

Additional information

**4. First-aid measures****Description of first aid measures****After inhalation**

Provide fresh air.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**Most important symptoms and effects, whether acute or delayed**

No further relevant information available.

**Indication of immediate medical attention and special treatment needed**

No further relevant information available.

**5. Fire-fighting measures****Extinguishing media****Specific hazards arising from the hazardous product**

Hydrogen fluoride

**Special protective equipment and precautions for fire-fighters**

Wear full chemical protective clothing.

In case of fire and/or explosion do not breathe fumes.

**6. Accidental release measures****Methods and material for containment and cleaning up****Other information**

Provide adequate ventilation.

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**Reference to other sections**

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

**7. Handling and storage****Precautions for safe handling****Advice on protection against fire and explosion**

Do not spray on naked flames or any incandescent material.

Keep away from sources of ignition - No smoking.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep/Store only in original container.

**Hints on joint storage**

Test not required.

**Further information on storage conditions**

Keep container tightly closed.

**Specific end use(s)**

No further relevant information available.

**8. Exposure controls/Personal protection****Control parameters****DNEL/DMEL values**

CAS No	Chemical name		
DNEL type	Exposure route	Effect	Value
431-89-0	1,1,1,2,3,3,3-Heptafluorpropan		
Worker DNEL, long-term			61269 mg/m <sup>3</sup>

**Exposure controls****Individual protection measures, such as personal protective equipment****Eye/face protection**

Test not required.

**Hand protection**

Test not required.

**Respiratory protection**

Test not required.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state: Aerosols

Colour:

Odour: characteristic

**Changes in the physical state**

Melting point/freezing point: -131 °C

Boiling point or initial boiling point and boiling range: -16 °C

**Explosive properties**

Pressurised container: May burst if heated.

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Vapour pressure: 5.200 hPa  
(at 20 °C)

Density (at 20 °C): 1,25 g/cm<sup>3</sup>

**Other information****Other safety characteristics**

Solvent content: 1,7%

Solid content: 1,2%

Evaporation rate: not applicable

**Further Information**

VOC value 2%

**10. Stability and reactivity****Reactivity**

No further relevant information available.

**Chemical stability**

Thermal decomposition Conditions to avoid

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

No further relevant information available.

**Incompatible materials**

No further relevant information available.

**Hazardous decomposition products**

No further relevant information available.

**11. Toxicological information****Information on toxicological effects****Acute toxicity**

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
431-89-0	1,1,1,2,3,3,3-Heptafluorpropan				
	inhalation (4 h) vapour	LC50 mg/l	788.696		
109-66-0	pentane				
	oral	LD50 mg/kg	>5.000		
	inhalation (4 h) vapour	LC50	25.3 mg/l		

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitizing effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

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**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**12. Ecological information****Ecotoxicity**

Aquatic toxicity No further relevant information available.

**Persistence and degradability**

No further relevant information available.

**Bioaccumulative potential**

No further relevant information available.

**Mobility in soil**

No further relevant information available.

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

Remark

**13. Disposal considerations****Waste treatment methods****List of Wastes Code - residues/unused products**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**Contaminated packaging**

Dispose of waste according to applicable legislation.

**14. Transport information****Land transport (ADR/RID)**

<b><u>UN number or ID number:</u></b>	UN 1950
<b><u>United Nations proper shipping name:</u></b>	AEROSOLS
<b><u>Transport hazard class(es):</u></b>	2
<b><u>Packing group:</u></b>	-
Hazard label:	2.2



Classification Code:	5A
Special Provisions:	190 327 344 625
Limited quantity:	1 L
Excepted quantity:	E0

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Transport category: 3  
Tunnel restriction code: E

**Marine transport (IMDG)**

**UN number or ID number:** UN 1950  
**United Nations proper shipping name:** AEROSOLS  
**Transport hazard class(es):** 2.2  
**Packing group:** -  
Hazard label: 2.2



Marine pollutant: NO  
Special Provisions: 63, 190, 277, 327, 344, 381, 959  
Limited quantity: 1000 mL  
Excepted quantity: E0  
EmS: F-D, S-U  
Segregation group: 1 - acids

**Other applicable information (marine transport)**

Limited quantity (LQ) 1L  
Excepted Quantities (EQ)

**Air transport (ICAO-TI/IATA-DGR)**

**UN number or ID number:** UN 1950  
**United Nations proper shipping name:** AEROSOLS, NON-FLAMMABLE  
**name:**  
**Transport hazard class(es):** 2.2  
**Packing group:** -  
Hazard label: 2.2



Special Provisions: A98 A145 A167 A802  
Limited quantity Passenger: 30 kg G  
Passenger LQ: Y203  
Excepted quantity: E0  
IATA-packing instructions - Passenger: 203  
IATA-max. quantity - Passenger: 75 kg  
IATA-packing instructions - Cargo: 203  
IATA-max. quantity - Cargo: 150 kg

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**15. Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Regulatory information**

Restrictions on use (REACH, annex XVII):  
Entry 3, Entry 40

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

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**Chemical Safety Assessment**

For this substance a chemical safety assessment has not been carried out.

**16. Other information****Changes**

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16.

**Abbreviations and acronyms**

Aerosol 3 Aerosols, Category 3  
Press. Gas (Liq.) Gases under pressure liquefied gas  
Flam. Liq. 2 Flammable Liquids, Category 2  
STOT SE 3 Specific target organ toxicity (single exposure), Category 3  
Asp. Tox. 1 Aspiration hazard Category 1  
Aquatic Chronic 2 Hazardous to the aquatic environment

**Relevant H statements (number and full text)**

H225	Highly flammable liquid and vapour.
H229	Pressurized container: may burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*