

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## VITA POWDER SCAN SPRAY

Revision date: 31.05.2023

Product code: ECSCAN75V2

Page 1 of 7

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

VITA POWDER SCAN SPRAY

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

#### 1.3. 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

#### 1.4. Emergency telephone number:

+49 (0) 6251 866980-0

### SECTION 2: Hazards identification

#### 2.1. 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.

#### 2.2. Label elements

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

**Signal word:** Warning

##### Hazard statements

H229 Pressurised 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.

#### 2.3. Other hazards

Results of PBT and vPvB assessment

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### VITA POWDER SCAN SPRAY

Revision date: 31.05.2023

Product code: ECSCAN75V2

Page 2 of 7

#### 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 and EUH 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

### SECTION 4: First aid measures

#### 4.1. 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.

#### 4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

#### 5.2. Special hazards arising from the substance or mixture

Hydrogen fluoride

#### 5.3. Advice for firefighters

Wear full chemical protective clothing.

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

### SECTION 6: Accidental release measures

#### 6.3. Methods and material for containment and cleaning up

##### Other information

Provide adequate ventilation.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### VITA POWDER SCAN SPRAY

Revision date: 31.05.2023

Product code: ECSCAN75V2

Page 3 of 7

#### 6.4. Reference to other sections

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

### SECTION 7: Handling and storage

#### 7.1. 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.

#### 7.2. 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.

#### 7.3. Specific end use(s)

No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
109-66-0	n-Pentane	1000	3000		TWA (8 h)	

##### DNEL/DMEL values

CAS No	Substance	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>

#### 8.2. 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.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state: Aerosols

Colour:

Odour: characteristic

##### Changes in the physical state

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### VITA POWDER SCAN SPRAY

Revision date: 31.05.2023

Product code: ECSCAN75V2

Page 4 of 7

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.

Vapour pressure: (at 20 °C) 5.200 hPa

Density (at 20 °C): 1,25 g/cm<sup>3</sup>**9.2. Other information****Other safety characteristics**

Solvent content: 1,7%

Solid content: 1,2%

Evaporation rate: not applicable

**Further Information**

VOC value 2%

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

No further relevant information available.

**10.2. Chemical stability**

Thermal decomposition Conditions to avoid

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

No further relevant information available.

**10.5. Incompatible materials**

No further relevant information available.

**10.6. Hazardous decomposition products**

No further relevant information available.

## SECTION 11: Toxicological information

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

CAS No	Chemical name				
	Exposure route	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.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**VITA POWDER SCAN SPRAY**

Revision date: 31.05.2023

Product code: ECSCAN75V2

Page 5 of 7

**Sensitising 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.

**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.

**SECTION 12: Ecological information****12.1. Toxicity**

Aquatic toxicity No further relevant information available.

**12.2. Persistence and degradability**

No further relevant information available.

**12.3. Bioaccumulative potential**

No further relevant information available.

**12.4. Mobility in soil**

No further relevant information available.

**12.5. Results of PBT and vPvB assessment**

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

**12.6. 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.

**12.7. Other adverse effects**

Remark

**SECTION 13: Disposal considerations****13.1. 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.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b><u>14.1. UN number or ID number:</u></b>	UN 1950
<b><u>14.2. UN proper shipping name:</u></b>	AEROSOLS
<b><u>14.3. Transport hazard class(es):</u></b>	2
<b><u>14.4. Packing group:</u></b>	-
Hazard label:	2.2



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## VITA POWDER SCAN SPRAY

Revision date: 31.05.2023

Product code: ECSCAN75V2

Page 6 of 7

Classification code: 5A  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L  
 Excepted quantity: E0  
 Transport category: 3  
 Tunnel restriction code: E

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.2  
**14.4. 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)**

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, NON-FLAMMABLE  
**14.3. Transport hazard class(es):** 2.2  
**14.4. 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

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**SECTION 15: Regulatory information****15.1. 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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## VITA POWDER SCAN SPRAY

Revision date: 31.05.2023

Product code: ECSCAN75V2

Page 7 of 7

### National regulatory information

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

### 15.2. Chemical safety assessment

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

## SECTION 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 and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H229	Pressurised 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.)*