



MSDS MATERIAL SAFETY DATA SHEET	0.1 Product	Excellent Pets Urine Control Spray
	0.2 Status	Active
	0.3 Version	5
	0.4 Version date	15-11-2022
1. Identification of the substance/mixture and of the company		
1.1 Product identification		
Product name	Excellent Pets Urine Control Spray	
Trade name	Excellent Pets Urine Control Spray	
Product code	URIN0011 URIN0013 URIN0014 URIN0015	
Chemical description	Mixture	
UFI	-	
REACH registration number	-	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified use(s)	Cleaning/washing agents and additives.	
Use(s) advised against	Not identified.	
1.3 Details of the supplier of the safety data sheet		
Company identification	Name	Hofman Animal Care B.V.
Contact details	Address	De Leemkoele 2
	Zip code	7468 DM
	Town	Enter
	Country	The Netherlands
	Telephone	+31 (0)548-545277
	E-mail	info@hofmananimalcare.nl
	Website	www.hofmananimalcare.com
1.4 Emergency telephone number		
Emergency telephone number	The Netherlands: National Poisoning Information Center – Bilthoven TEL: +31 (0)30 274 88 88 Belgium: Antipoison Center – Brussels TEL: +32 (0)70 245 245 (Only for the purpose of informing medical personnel in case of acute intoxications)	
2. Hazards identification		
2.1 Classification of the substance or mixture		
<u>Classification according to Regulation (EC) no. 1272/2008:</u> Does not meet the classification criteria according to Regulation (EC) No 1272/2008. The full text of the (EU)H-statements can be found in section 16. Adverse physicochemical, health and environmental effects No additional information available.		
2.2 Label elements		
<u>Labelling according to Regulation (EC) no. 1272/2008:</u>		
Hazardous component(s)	-	
Hazard pictogram(s)	-	
Signal word	-	
Hazard statements	-	
Additional hazard statements	EUH210 Safety data sheet available on request.	
Precautionary measures	-	



2.3	Other hazards					
Results of PBT and vPvB assessment			Contains no PBT and/or vPvB substances \geq 0.1% assessed in accordance with REACH Annex XIII.			
Endocrine disrupting properties			No additional information available.			
3. Composition / information on ingredients						
3.1	Substances					
			Not applicable (mixture).			
3.2	Mixtures					
			Contains:			
Name component(s)	Weight %	CAS no.	EINECS no.	Index no.	REACH no.	Classification
Propan-2-ol; isopropyl alcohol; isopropanol	1 – 5	67-63-0	200-661-7	603-117-00-0	01-2119457558-25	Flam. Liq. 2 ; H225 Eye Irrit. 2; H319 STOT SE 3; H336
The full text of the (EU)H-statements can be found in section 16.						
4. First aid measures						
4.1	Description of first aid measures					
General			Never administer anything by mouth to an unconscious person.			
First aid measures in case of inhalation			Not necessary.			
First aid measures in case of skin contact			Rinse/shower skin with water.			
First aid measures in case of eye contact			Rinse immediately and abundantly with water.			
First aid measures in case of ingestion			Rinse mouth. DO NOT induce vomiting.			
4.2	Most important symptoms and effects, both acute and delayed					
Not considered to pose a serious risk under normal conditions of use.						
4.3	Indication of any immediate medical attention and special treatment needed					
If in doubt or if symptoms persist, consult a doctor.						
5. Firefighting measures						
5.1	Extinguishing media					
Suitable extinguishing media			Foam, powder, carbon dioxide (CO ₂), water spray.			
Unsuitable extinguishing media			Do not use a strong water jet.			
5.2	Special hazards arising from the substance or mixture					
Special exposure hazards			Watery solution; poses no particular fire hazard.			
5.3	Advice for firefighters					
Special protective equipment			Do not enter fire zone without suitable safety equipment, including respiratory protection.			
Special procedures			Use extreme caution when fighting a chemical fire. Avoid releasing extinguishing water into the environment.			
6. Accidental release measures						
6.1	Personal precautions, protective equipment and emergency procedures					
Personal precautions			<i>For non-emergency personnel:</i> Plug the leak if it can be done safely. <i>For emergency responders:</i> No information available.			
6.2	Environmental precautions					
Environmental precautions			Do not drain into sewers or public waters.			
6.3	Methods and material for containment and cleaning up					
For containment			Clean up spillages as soon as possible using an absorbent product.			
Methods for cleaning up			Rinse away residues with plenty of water.			



6.4	Reference to other sections					
Personal protection	See section 8.					
Removal of the waste product	See section 13.					
7. Handling and storage						
7.1	Precautions for safe handling					
Handling	Avoid unnecessary exposure.					
Hygienic measures	Wash hands and other exposed parts with mild soap and water before eating, drinking, smoking or leaving work.					
7.2	Conditions for safe storage, including any incompatibilities					
Storage	Keep in tightly closed container. Keep away from heat sources and direct sunlight.					
Storage temperature	> 10 °C.					
Protection against fire and explosion	No information available.					
Suitable packaging material	No information available.					
Unsuitable packaging material	No information available.					
7.3	Specific end use(s)					
No further relevant information available.						
8. Exposure controls / personal protection						
8.1	Control parameters					
Occupational exposure limits						
Occupational exposure limit values (Workplace Exposure Limits)						
Cas no	Name of agent	TWA-8h (ppm)	TWA-8h (mg/m³)	TWA- 15 min (ppm)	TWA-15 min (mg/m³)	Source
67-63-0	Propan-2-ol; isopropyl alcohol; isopropanol		650		0	OEL
			500			REACH
		200	500			TRGS 900 (DE)
TWA-8h= (time-weighted average) long-term exposure limit; TWA-15 min = short-term exposure limit						
Biological limit values	No additional information available.					
Recommended monitoring procedures	No additional information available.					
Formed air pollutants	No additional information available.					
DNELs	No additional information available.					
PNECs	No additional information available.					
Control banding	No additional information available.					
8.2	Exposure controls					
Appropriate engineering controls	No additional information available.					
Personal protection equipment						
Personal protection equipment	Avoid unnecessary exposure.					
Eye / face protection	Not necessary.					
Skin protection	Not necessary.					
Hand protection	Not necessary.					
Respiratory protection	No additional information available.					
Thermal hazards	No additional information available.					
Environmental exposure controls	No additional information available.					



9. Physical and chemical properties	
9.1	<u>Information on basic physical and chemical properties</u>
Physical state	Liquid.
Colour	Purple
Odour	Fresh.
Odour threshold	Not available.
Melting point/freezing point	Not available.
Boiling point/range (1013 hPa)	Not available.
Flammability	Not available.
Lower and upper explosion limit	Not available.
Flash point	> 100 °C.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	± 6.5.
Kinematic viscosity	Not available.
Solubility	Mixable with water.
Partition coefficient n-octanol/water	Not available.
Vapour pressure	Not available.
Vapour pressure at 50 °C	Not available.
Density and/or relative density	Density: ± 0.98 g/ml. Relative density: not available.
Relative vapour density	Not available.
Particle characteristics	Not applicable.
9.2	<u>Other information</u>
Other information	No further relevant information available.
10. Stability and reactivity	
10.1	<u>Reactivity</u>
Reactivity	No reactivity hazard other than described in the sub-heading below.
10.2	<u>Chemical stability</u>
Stability	Stable at the conditions of use and storage recommended in section 7.
10.3	<u>Possibility of hazardous reactions</u>
Hazardous reactions	No additional information available.
10.4	<u>Conditions to avoid</u>
Conditions to avoid	Extremely high or low temperatures.
10.5	<u>Incompatible materials</u>
Materials to avoid	No additional information available.
10.6	<u>Hazardous decomposition products</u>
Hazardous decomposition products	No additional information available.
11. Toxicological information	
11.1	<u>Information on hazard classes as defined in Regulation (EC) no. 1272/2008</u>
Acute toxicity: oral	Based on available data, the classification criteria are not met.
Acute toxicity: dermal	Based on available data, the classification criteria are not met.
Acute toxicity: inhalation	Based on available data, the classification criteria are not met.
<i>Propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</i>	
LD50 oral - rat: 5,840 mg/kg	
LD50 oral: 4,396 mg/kg bodyweight	
LD50 dermal - rabbit: 13,900 mg/kg	
LD50 dermal: 12,800 mg/kg bodyweight	
LC50 inhalation – rat: > 25,000 mg/m ³	
LC50 inhalation – rat (dust particles/mist): 46,600 mg/l	
Skin corrosion/irritation	Based on available data, the classification criteria are not met. pH: ± 6.5.



Serious eye damage/irritation	Based on available data, the classification criteria are not met. pH: \pm 6.5.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity – single exposure	Based on available data, the classification criteria are not met. <i>Propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</i> STOT by single exposure: May cause drowsiness or dizziness.
Specific target organ toxicity – repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
11.2 Information on other hazards	
Other hazards	No further relevant information available.
12. Ecological information	
12.1 Toxicity	
Ecotoxicity	Short-term hazard to the aquatic environment (acute): Not classified. Aquatic hazard, long-term (chronic): Not classified. <i>Propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</i> LC50 – Fish: 9,640 mg/l EC50 – Crustaceans: 13,299 mg/l EC50 – Other aquatic organisms: 13,299 mg/l (water flea) EC50 – Other aquatic organisms: > 1,000 mg/l
12.2 Persistence and degradability	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data supporting this claim are held at the disposal of the competent authorities of Member States and will be made available to them upon direct request or at the request of a detergent manufacturer. <i>Propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</i> Rapidly degradable.
12.3 Bioaccumulative potential	
Bioaccumulation	<i>Propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)</i> Partition coefficient n-octanol/water (Log Pow) – 0.05.
12.4 Mobility in soil	
Mobility	No additional information available.
12.5 Results of PBT and vPvB assessment	
Assessment	Contains no PBT and/or vPvB substances \geq 0.1% assessed in accordance with REACH Annex XIII.
12.6 Endocrine disrupting properties	
Endocrine disrupting potential	No additional information available.
12.7 Other adverse effects	
No additional information available.	
13. Disposal considerations	
13.1 Waste treatment methods	
Waste from residues / unused products	Rinse away residues with plenty of water. This product and its packaging should be disposed of safely in accordance with local legislation.
European list of waste products	No information available.
Removal of contaminated packaging	No information available.



14. Transport information	
Transport by road, by rail and inland waterway transport (ADR/RID/ADN)	<p>14.1 UN-number:</p> <p>14.2 UN proper shipping name:</p> <p>14.3 Transport hazard class(es):</p> <p>14.4 Packing group:</p>
Marine transport (IMDG)	<p>14.1 UN-number:</p> <p>14.2 UN proper shipping name:</p> <p>14.3 Transport hazard class(es):</p> <p>14.4 Packing group:</p>
Air transport (ICAO-IATA)	<p>14.1 UN-number:</p> <p>14.2 UN proper shipping name:</p> <p>14.3 Transport hazard class(es):</p> <p>14.4 Packing group:</p>
14.5 Environmental hazards	
Environmental hazard	No additional information available.
Marine pollutant	No additional information available.
14.6 Special precautions for user	
No additional information available.	
14.7 Maritime transport in bulk according to IMO instruments	
Not applicable.	
15. Regulatory information	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
Relevant EU rule(s)	<p><u>REACH Annex XVII (restricted substances)</u> Does not contain substance(s) listed in REACH Annex XVII (restricted substances).</p> <p><u>REACH Annex XIV (list of substances subject to authorisation)</u> Does not contain substance(s) included in REACH Annex XIV (list of substances subject to authorisation).</p> <p><u>REACH candidate list (SVHC)</u> Does not contain substance(s) included in the REACH Candidate List.</p> <p><u>PIC regulation (prior informed consent)</u> Contains no substances included in the PIC list (Regulation EU 649/2012 on export and import of dangerous chemicals).</p> <p><u>POPs regulation (persistent organic pollutants)</u> Does not contain any substances included in the POP list (Regulation EU 2019/1021 on organic pollutants).</p> <p><u>Ozone regulation (1005/2009)</u> Does not contain any substances included in the list of ozone depleting substances (Regulation EU 1005/2009 on substances that deplete the ozone layer).</p> <p><u>Dual-use Regulation (428/2009)</u> Does not contain any substance covered by COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.</p> <p><u>Regulation on detergents (648/2004)</u> Allergenic fragrances > 0.01%: LIMONENE BENZYL SALICYLATE HEXYL CINNAMAL ALPHA-ISOMETHYL IONONE</p>



	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f4a460;"> <th colspan="2" style="text-align: left; padding: 5px;">Labelling of contents</th> </tr> <tr style="background-color: #f4a460;"> <th style="text-align: left; padding: 5px;">Component</th> <th style="text-align: left; padding: 5px;">%</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Non-ionic surfactants</td> <td style="padding: 5px;"><5%</td> </tr> <tr> <td style="padding: 5px;">2-BROMO-2-NITROPROPANE-1,3-DIOL</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">BENZISOTHIAZOLINONE</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Perfumes</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">LIMONENE</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">BENZYL SALICYLATE</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">HEXYL CINNAMAL</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">ALPHA-ISOMETHYL IONONE</td> <td style="padding: 5px;"></td> </tr> </tbody> </table> <p>Regulation on explosives precursors (2019/1148) Does not contain any substances listed as explosives precursors (Regulation EU 2019/1148 on the marketing and use of explosives precursors).</p> <p>Drug precursors regulation (273/2004) Does not contain any substances included in the list of drug precursors (Regulation EC 273/2004 on the production and placing on the market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).</p>	Labelling of contents		Component	%	Non-ionic surfactants	<5%	2-BROMO-2-NITROPROPANE-1,3-DIOL		BENZISOTHIAZOLINONE		Perfumes		LIMONENE		BENZYL SALICYLATE		HEXYL CINNAMAL		ALPHA-ISOMETHYL IONONE	
Labelling of contents																					
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National regulations	<p><u>SZW list of carcinogenic substances</u> None of the constituents are present.</p> <p><u>SZW list of mutagenic substances</u> None of the components are present.</p> <p><u>SZW list of reprotoxic substances - Breastfeeding</u> None of the ingredients are present.</p> <p><u>SZW list of reprotoxic substances - Fertility</u> None of the components are present.</p> <p><u>SZW list of reprotoxic substances - Development</u> None of the components are present.</p>																				
15.2 Chemical safety assessment																					
No additional information available.																					
16. Other information																					
Indication of changes (revised safety data sheet)	Alignment to regulation. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU. Restructuring and revising sections 1 to 15.																				
Sources of used key data	This information is based on the currently available information (Producer(s)). See also the website: https://echa.europa.eu/information-on-chemicals/registered-substances																				
(EU)H-statement(s)	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. EUH210 Safety data sheet available on request.																				
Classification procedure	No data available.																				
List of abbreviations and acronyms	ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADR/RID/ADN: Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways. ATE: Acute toxicity estimate. BCF: Bio-concentration factor.																				



CAS: Chemical Abstracts Service.
CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
DGR: Dangerous Goods Regulations.
DNEL: Derived No Effect Level.
DMEL: Derived Minimal Effect Level.
EC50: Median Effective Concentration.
EC-No.: The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union).
EINECS: European Inventory of Existing Commercial Chemical Substances.
ELINCS: European List of Notified Chemical Substances.
Eye Irrit.: Serious eye irritation.
Flam. Liq.: Flammable liquid.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
IATA: International Air Transport Association (provisions concerning the international carriage of dangerous goods by air).
IATA/DGR: Dangerous Goods Regulations (DGR) for the air transport (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical instructions for the safe transport of dangerous goods by air.
IMDG: International Maritime Dangerous Goods Code.
LC50: Concentration leading to death in 50 % of a test population.
LD50: Dose leading to death in 50 % of a test population.
Log KOW: n-Octanol/water.
M-factor: Multiplication factor.
OECD: Organisation for Economic Cooperation and Development.
OEL: Occupational Exposure Limit.
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No Effect Concentration.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
SCL: Specific concentration limit.
STOT SE: Specific target organ toxicity — single exposure.
SVHC: Substance of Very High Concern.
vPvB: Very persistent and very bioaccumulative.

This information is to our knowledge correct and complete on the date of issue of this safety data sheet. The information only concerns the product and does not give any guarantee for the quality and the completeness of the properties of the product, or in case of mixing or using in any other process. It remains the responsibility of the user to assure himself that the information is suitable and complete concerning the special use he makes of the product.

Hofman Animal Care B.V. denies all responsibility for loss or damage resulting from the use of these data.