

Material Safety Data Sheet

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Approved by BrownY Korea

Info safe Number: 801

Product Name: VECTORFOG BIRD REPELLENT FIRE GEL

Company Details:

Company Name.	BrownY Korea
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Other Information	The information and recommendations contained herein are to the best of our knowledge reliable. However, nothing herein is to be construct as a warranty or representation in respect of safety in use, suitability efficiency or otherwise, including freedom from patent infringements. Users should make their own tests for their particular purpose. We cannot accept any liability for any loss, damage or infringement arising from the use of the information or recommendations contained herein.
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Identification :

Product Code	VF-VG250
Product Name	VECTORFOG BIRD REPELLENT FIRE GEL
Proper Shipping Name	As above
Other Names	None Listed
UN Number	N/A
DG Class	N/A
Packing Group	N/A
Hazchem Code	N/A
Poisons Schedule	Not Scheduled

Physical Data :

Physical state	Gel
Vapor Density (Air=1)	N/A
Vapor Pressure (mm Hg)	N/A
Evaporation Rate	N/A
Specific Gravity	N/A
Boiling point	90 °C
% Volatile	Negligible
Flash Point	220 °C
Melting Point	Not Determined
Appearance	Light brown gel with slight herb odor
Solubility in Water	Negligible

Ingredients :

Ingredients	<u>Name</u>	CAS	Proportion
<u>Chemical composition</u>			
	Polyisobutylene	9003-27-4	MIN.> 68%
	Grease	64742-54-7	MIN.> 22%
	Ingredients		MIN.> 10%

Heal the Effects :

Precautions for use

Do not get in eyes, on skin, or on clothing. Do not swallow in directly. Do not feed undiluted solution to livestock.

First Aid :

Swallowed	Never give anything by mouth to an unconscious person.
Eye and Skin	Flush with large amount of water until irritation subsides. If irritation occurs, seek medical attention. Immediately wash skin with waterless hand cleaner to remove, then wash with soap and water. If irritation occurs, obtain medical attention. No significant health hazards exist at ambient temperatures. Redness and irritation may occur on contaminated skin and eye contact may be slightly irritating, but product does not cause long-term adverse health effects.
Inhaled.	Remove to fresh air. If discomfort occurs, seek medical attention

Advice to Doctor

Other Health Hazard Information :

Personal Protection

Respirator Type	Respirator approved for solid and liquid particulates, including dusts and mists, e.g. 3M 8810 mask or respirator with P3 filter or equivalents.
Eye Protection.	Splash goggles or safety glasses
Glove Type	Rubber gloves.
Clothing	Suggested materials for protective gloves include: Polyethylene or Hypalon
Flammability	Non flammable

Safe Handling Information :

Storage and Transport

Storage Precautions	Keep bottle tightly closed. Stable at room temperature for at least 24 months when stored dry and with tightly capped.
Handling	Avoid contaminating dust and soil or releasing this material into sewage and drainage systems and bodies of water.
Proper Shipping Name	N/A
Transport Information	DOT Classification: Not a DOT controlled material (United States). Identification: Not applicable. Special Provisions for Transport: Not applicable. IATA Non-Hazardous for Air Transport: Non-hazardous for air transport Air transport IATA/CAO :Not classified as a dangerous good under transportation regulation

Spills and Disposal

Spills	Spills can be contained and removed with absorbent material such as sand and washed with hydrocarbon solvent (mineral spirits), or detergent. Do not contaminate water or sewer systems.
Disposal	Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations.

Fire/Explosion Hazard :

Fire Fighting Procedure	No risks are involved.
Extinguishing Media	CO ₂ , Dry Chemical, Foam, Water Fog
Hazchem Code	N/A

Toxicological Information :

Acute oral effect	The oral LD ₅₀ of Bird Free is more than 2,000 mg/kg in male and female rats.
Acute dermal effect	The dermal LD ₅₀ of Bird Free is more than 2,000 mg/kg in male and female rats.
Eye irritation	Bird Free is evaluated as a non-irritant with 1.33 of A.O.I (acute ocular irritation) in rabbits.
Skin irritation	Bird Free is evaluated as a non-irritant with 0 of P.I.I (primary irritation index) in rabbits.
Skin sensitization	The score of skin reaction after treatment of Bird Free is graded I with 5% sensitization rate in guinea pig.

Ecological Information :

Ecological toxicity	LC ₅₀ in 95% lower and upper confidence limits is more than 100 mg/L in <i>Cyprinus carpio</i> .
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Other Information :

Risk Statement.	May cause sensitization by inhalation, eye and skin
Safety Statement	Stable
Hazard Category	Not Harmful

Contact point :

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