

Safety Data Sheet (SDS)

The content and format of this SDS is accordant with GHS standard.

1. Identification of the substance/preparation and of the company/undertaking

Product details:

Product name: Falcon Urinal Sealant

Product code: D59000-002

Recommended use of the chemical and restrictions on use:

Urinal Sealant. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

Manufacturer/Supplier:

Falcon Waterfree Technologies.

2255 Barry Ave. Los Angeles, CA, 90064.

Tel.: (310) 209-7250 (Monday - Friday 8am - 5pm PST)

Importer:

Falcon Waterfree Philippines, Inc.

Ground Floor, Unique Plaza Building #56 Sierra Madre St., Highway Hills Mandaluyong City 1550, Philippines

Joseph Ancheta.

Tel.: +632 4776036

Email: jancheta@falconwaterfree.com.

Further information obtainable from:

Falcon Waterfree Technologies.

Falcon Waterfree Philippines, Inc.

Information in case of emergency: CHEMTREC (800) 424-9300

2. Hazards identification

.GHS classification:

Physical hazards	Not classified.
Health hazards	Serious eye damage/eye irritation - Category 2A
Environmental hazards	Not classified.

Signal Word: Warning.

Symbol :



Hazard Statements:

H319: Causes serious eye irritation.

Precautionary Statements:

P264: Wash hands thoroughly after handling.

P280: Wear eye protection/face protection.

Response Precautionary Statements:

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention.

Storage precautionary statements:

No special requirement.

Disposal precautionary statements:

No special requirement.

3. Composition/information on ingredients

Product description: substance (); preparation/mixture (√)

Ingredient (s)	CAS No.	EC No.	% by weight
2-Octan-1-yl dodecan-1-ol	5333-42-6	226-242-9	60-100%
Lemon Fragrance	5989-27-5	227-813-5	<0.1%

4. First aid measures

Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Wash with soap and water. If irritation occurs, get medical attention.

Eyes Contact: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. Do not induce vomiting without doctor's instruction. Call a POISON CENTER/doctor, if you feel unwell.

Acute effect and delayed effect: Acute effect: Causes serious eye irritation. Delayed effect: not found.

Personal protective equipment: Wear protective gloves/protective clothing/eye protection/face protection when necessary.

Indication of immediate medical attention and treatment needed, if necessary: Treat according to symptoms and exposure dose.

5. Fire-fighting measures

Extinguishing Media: Water fog. Foam. Dry chemical. Carbon dioxide. Water jet. Do not use straight water streams. Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

Special hazards arising from the chemical: Products of combustion may include, and are not limited to: oxides of carbon, irritating vapors.

Fire Fighting Method:

Shut off air supply.
 Extinguish fire from upwind and cool down containers by water spray.
 Remove containers from fire area if it can be done without risk.
 Deny unnecessary entry to the place around the fire.
Special actions for fire-fighters: Firefighters must wear self-contained breathing apparatus and full protective equipment.
 Check whether the protective equipment is in good condition before use.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use proper personal protective equipment as indicated in Section 8.

Environmental precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

Methods and material for containment and cleaning up:

Small Spill:

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

Large Spill:

Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material.

Build up dike or dig pit for collection. Containers should be clearly marked for recycling or disposed as waste.

7. Handling and storage

Precautions for safe handling:

Wash hands thoroughly after handling.

Wear eye protection/face protection.

Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated and dry place. Avoid long-time exposure to direct sunlight.

Incompatible substances or mixtures: Strong oxidizing agents.

Packing material: No information available.

8. Exposure controls/personal protection

Occupational Exposure Limits:

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Not applicable	Not applicable	Not applicable

Engineering Controls:

Use this product only in closed systems fully or with local exhaust ventilation.

Install washer eyes and safety showers near to the handling and storage area.

Shows the location of these facilities, with a clear and prominent warning board.

Personal Protective Equipment (for workers):

Protection of Hands:

Wear impermeable rubber gloves. (e.g. Rubber gloves)



Protection of Eyes:

Wear safety glasses when vapour or fume may be generated during processing or working for a long time.



Respiratory Protection: No special requirements under normal conditions. Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



Protection of Body:

Recommend wearing general working clothing.



.General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Do not inhale vapour generated from processing.

Avoid contact with eyes and skin.

9. Physical and chemical properties

General Information	
Form	Liquid (Oily)
Colour	Deep blue
Odour	Citronella/Lemon
pH Value	No data available
Boiling range	No data available
Melting point/Melting range	No data available
Flash Point	No data available
Flammable/Explosive Limits-Lower Vol %	Not applicable
Flammable/Explosive Limits-Upper Vol %	Not applicable
Relative density	0.836 @ 68 °F

Relative vapour density	No data available
Vapour pressure	No data available
Solubility	No data available
n-octanol/Water partition coefficient	No data available
Igniting temperature	No data available
Decomposition temperature	No data available
Odour threshold value	No data available
Viscosity	60 mPa.s @ 68 °F (ASTM D445)
Evaporation rate	No data available
Flammability (solid, gas, etc.)	This product is not classified as flammable liquid.

10. Stability and reactivity

Reactivity and Chemical stability: Stable under normal storage conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to Avoid: High temperatures.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Products of combustion may include, and are not limited to: oxides of carbon, irritating vapors.

11. Toxicological information

Product Toxicity Data:

Ingredient (s)	CAS number	LD ₅₀ /LC ₅₀ (Median lethal dose)
2-Octan-1-yl-dodecan-1-ol	5333-42-6	Acute toxicity (Oral) LD ₅₀ > 40 ml/kg (Rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ : 2 ml/kg (Rabbit) Data source: ECHA
Lemon Fragrance	5989-27-5	Acute toxicity (Oral) LD ₅₀ : 5,600 mg/kg (Rat) Data source: ChemIDplus Acute toxicity (Dermal) LD ₅₀ > 5,000 mg/kg (Rabbit) Data source: ChemIDplus
Classification of the whole product:		Not classified.

Skin corrosion/irritation	Lemon Fragrance (CAS: 5989-27-5): Category 3 (Data source: HSNO CCID) Classification of the whole product: Not classified.
Serious eye damage/eye irritation	2-Octan-1-yl-dodecan-1-ol (CAS: 5333-42-6): Category 2A (Data source: HSNO CCID) Lemon Fragrance (CAS: 5989-27-5): Category 2A (Data source: HSNO CCID) Classification of the whole product: Category 2A.
Sensitisation, skin	Lemon Fragrance (CAS: 5989-27-5): Category 1 (Data source: HSNO CCID)

	CCID) Classification of the whole product: Not classified.
Sensitisation, respiratory	No classification for this product.
Germ cell mutagenicity	No classification for this product.
Carcinogenicity	No classification for this product.
Reproductive Toxicity	No classification for this product.
STOT-single exposure	No classification for this product.
STOT-repeated exposure	No classification for this product.
Aspiration hazard	No classification for this product.

12. Ecological information

Ecotoxicity:

2-Octan-1-yl-dodecan-1-ol (CAS: 5333-42-6):

48h-LC₅₀ > 10,000 mg/L Fish

Data source: ECHA

Lemon Fragrance (CAS: 5989-27-5):

96h-LC₅₀: 0.72 mg/L Fish

Data source: ECHA

Classification of the whole product: Not classified.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: When it is in liquid status, it can move in soil.

13. Disposal considerations

Waste treatment methods:

It is recommended to use incineration method to dispose of waste.

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

14. Transport Information

DOT/Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:

Proper Shipping Name: Not regulated.

Hazard Class: Not applicable

UN Code: Not applicable

Packing Group: Not applicable

Packing Group Symbol: Not applicable

Marine Pollutant (Yes/No): No

EMS NO.: Not applicable

Note:

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

15. Regulatory information
The Philippines:

.Philippine Priority Chemicals List (PCL): Not applicable.

.Philippine Inventory of Chemicals and Chemical Substances (PICCS): 2-Octan-1-yl-dodecan-1-ol (CAS: 5333-42-6) and Lemon Fragrance (CAS: 5989-27-5) are listed in PICCS.

.List of Chemical Control Order (CCO): Not applicable.

.List of Ozone Depleting Substances (ODS): Not applicable.

United States:

.Section 355 (extremely hazardous substances): Not listed.

.SARA 313: Not listed.

.TSCA (Toxic Substance Control Act):

Ingredient (s)	CAS No.	TSCA Inventory
Lemon Fragrance	5989-27-5	Listed
2-Octan-1-yl-dodecan-1-ol	5333-42-6	Listed

.Clean Water Act:

Chemical Name	Reportable Quantities	Hazardous Substances	Priority Pollutants	Toxic Pollutants
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

.Carcinogenicity categories: Not listed by EPA, NTP, ACGIH and IARC.

EU:

.(EC) 1272/2008 Annex VI Table 3.1:

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
Lemon Fragrance (CAS: 5989-27-5)	Flam. Liq. 3	H226
	Skin Irrit. 2	H315
	Skin Sens. 1	H317
	Aquatic Acute 1	H400
	Aquatic Chronic 1	H410

.Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed

.REACH Regulation Annex XVII Regulation List: Not listed.

.REACH Regulation Annex XIV Authorization List: Not listed.

.Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

16. Other information**DISCLAIMER:**

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References:

The fourth revision of GHS
DENR Administrative Order No. 2015-09 GHS Guidance Manual

Full description of some acronyms:

GHS-Globally Harmonized System of Classification and Labelling of Chemicals
CAS-Chemical Abstracts Service
EINECS-European Inventory of Existing Commercial Chemical Substances
IMO-International Maritime Organization
IMDG-International Maritime Dangerous Goods
IATA-International Air Transport Association
ICAO-International Civil Aviation Organization
TSCA-Toxic Substance Control Act
OSHA-Occupational Safety and Health Administration
ACGIH-American Conference of Governmental Industrial Hygienists

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*****The End*****