

# ECOFIRE FIGHTING



After 15 years of research,  
we finally made it,...



**ECOFIRE FIGHTING**<sup>®</sup>  
**SIMONRACK**

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WITH ECOFIRE NOTHING BURNS  
IT WORKS ON PREVENTION, BARRIERS AGAINST FIRE  
THE FASTEST AND DEFINITIVE FIRE FIGHTING

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WE BRING BUSINESS TO THE GLOBAL HARDWARE, INDUSTRIAL SUPPLY AND DO-IT-YOURSELF MARKET

**FICHA TÉCNICA • DATA SHEET • DATENBLATT • FICHE TECHNIQUE • FICHA TÉCNICA**

Fecha de Revisión • Review date Data • Prüfungsdatum • Date de révision • Data de revisão: **06/07/2022**

NOMBRE DEL PRODUCTO PRODUCT NAME PRODUKTNAME NOM DU PRODUIT NOME DO PRODUTO					
<b>SIMONRACK ECOFIRE FIGHTING®</b>					
DESCRIPTION DESCRIPTION BEZEICHNUNG DESCRIPTION DESCRIÇÃO					
Solución de cargas orgánicas en base agua.	An organic water-based load solution	Lösung für organische Füllstoffe auf wässriger Basis.	Solution de charges organiques à base d'eau.	Solução de enchimentos orgânicos a base de água.	
VENTAJAS BENEFIT VORTEIL AVANTAGE VANTAGEM					
No tóxico No bioacumulable No corrosivo	Non-toxic Non bio accumulative Noncorrosive	Nicht giftig Nicht bioakkumulierbar Nicht ätzend	Non toxique Non bioaccumulable Non corrosif	Não tóxico Não bioacumulável Não corrosivo	
USOS USABILITY ANWENDUNGEN APPLICATIONS FORMULÁRIOS					
Agente de extinción de incendios, que actúa como barrera contra el fuego, para todo tipo de materiales como papel, cartón, plásticos, poliuretanos... Para uso tanto en autobombas, motobombas y sistemas de extinción de incendio industriales.	Fire extinguishing agent, which acts as a barrier against fire, for all types of materials such as paper, cardboard, plastics, polyurethanes... For use in fire engines, motor pumps and industrial fire extinguishing systems.	Feuerlöschmittel, das als Barriere gegen Feuer wirkt, für alle Arten von Materialien wie Papier, Pappe, Kunststoffe, Polyurethane... Für den Einsatz in Pumpern, Motorpumpen und industriellen Feuerlöschsystemen.	Agent extincteur, qui agit comme une barrière contre le feu, pour tous les types de matériaux tels que le papier, le carton, les plastiques, les polyuréthanes... À utiliser dans les voitures de pompiers, les motopompes et les systèmes d'extinction d'incendie industriels. Les systèmes d'extinction d'incendie industriels.	Agente extintor, que atua como barreira contra o fogo, para todos os tipos de materiais como papel, papelão, plásticos, poliuretanos... Para uso em bombas, motobombas e sistemas industriais de extinção de incêndio.	
REQUISITOS GENERALES REQUIREMENT ALLGEMEINE ANFORDERUNGEN PRESCRIPTIONS GÉNÉRALES REQUERIMENTOS GERAIS					
No se requieren medidas especiales para su manipulación. No tóxico ni irritante en contacto con la piel y ojos. Producto no tóxico para el medioambiente y degradable de manera natural.	No special handling measures required. Non-toxic and non-irritating in contact with skin and eyes. Eco-friendly and biodegradable in a natural way.	Für die Handhabung sind keine besonderen Maßnahmen erforderlich. Ungiftig und nicht reizend Kontakt mit Haut und Augen. Ungiftiges Produkt für die Umwelt und natürlich abbaubar.	Aucune mesure de manipulation particulière n'est requise. Non-toxique et non-irritant au contact de la peau et des yeux. Non toxique pour l'environnement et naturellement dégradable.	Não são necessárias medidas especiais para o manuseio. Não tóxico e não irritante contato com a pele e os olhos. Produto não tóxico para o meio ambiente e naturalmente degradável.	
INSTRUCCIONES PARA ALMACENAMIENTO STORAGE INSTRUCTIONS ANWEISUNGEN FÜR LAGERUNG INSTRUCTIONS DE STOCKAGE INSTRUÇÕES PARA ARMAZENAR					
Almacenar con envases herméticamente cerrados. Almacenamiento en lugar seco y fresco. Soporta temperaturas de -40°C hasta 65°C. Producto estable en las condiciones recomendadas para almacenamiento. No corrosivo para metales. No se requieren medidas especiales de manipulación y almacenamiento.	Store in hermetically sealed containers. Store in a cool, dry place. Withstands temperatures from -40°C to 65°C. Stable product under recommended storage conditions. Not metal corrosive. No special handling and stocking measures required.	In dicht verschlossenen Behältern lagern. Lagerung vorhanden trocken und frisch widersteht Temperaturen von -40°C bis 65°C. Stabiles Produkt unter den empfohlenen Lagerbedingungen. Nicht korrosiv gegenüber Metallen. Keine besonderen Handhabungsmaßnahmen erforderlich y Lagerung.	Conserver dans des récipients hermétiquement fermés. Conserver dans un endroit frais et sec. Résiste à des températures allant de -40°C à 65°C. Produit stable dans les conditions de stockage recommandées. Non-corrosif pour les métaux. Aucune mesure particulière de manipulation et de stockage n'est requise.	Armazenar em recipientes bem fechados. armazenamento no lugar seco e fresco suporta temperaturas de -40°C até 65°C. Produto estável nas condições de armazenamento recomendadas. Não corrosivo para metais Não são necessárias medidas especiais de manuseio e armazenar.	
PRESENTACIÓN FORMULATION PRÄSENTATION PRESENTATION APRESENTAÇÃO					
Solución líquida a granel en envases de 1.000 Liters, o cisternas de 25.000 Liters.	Liquid bulk solution in 1,000 liters packages, or 25,000 liters tanks.	Flüssige Massenlösung in 1.000-Liter-Behältern oder 25.000-Liter-Tanks.	Solution liquide en vrac dans des conteneurs de 1 000 litres ou des camions-citernes de 25 000 litres.	Solução líquida a granel em recipientes de 1.000 Liters ou tanques de 25.000 Liters.	
DATOS DEL PRODUCTOR PRODUCER INFORMATION HERSTELLERDATEN DONNÉES DU PRODUCTEUR DADOS DO PRODUTOR					
SUCCESS WORLD- ECOFIRE C/ Barón de Eroles nº20 -1º 22400 Monzón (Huesca)					
CÓDIGO ARANCELARIO TARIFF CODE TARIF-CODE CODE TARIFAIRE CÓDIGO TARIFÁRIO					
3813.00.00.10 Composiciones y cargas para extinguir incendios	3813.00.00.10 Compositions and loads to extinguish fires	3813.00.00.10 Zusammensetzungen und Ladungen zum Löschen von Bränden	3813.00.00.10 Compositions et charges pour éteindre les incendies	3813.00.00.10 Composições e cargas para extinguir incêndios	

DENSIDAD (Kg por Litro) • DENSITY (Kg per Liter) • DICHTe (Kg pro Liter) • DENSITÉ (Kg par litre) • DENSIDADE (Kg por Litro):  
Ecofire Industry 1,26 - 1,29 • Ecofire forest 1,22 - 1,25 • Ecofire Home 1,25 - 1,27 • Ecofire Flight 1,32 - 1,35



**SIMONRACK ECOFIRE FIGHTING**  
C/ POLIGONO C  
50461 ALFAMEN (ZARAGOZA)  
ESPAÑA - CIF: B50556463  
INFO@SIMONRACK.COM

ECOFIRE is a solution in water of natural products, designed for fire fighting and prevention. With an efficiency between 30 and 40 times higher than water and with an almost zero reduction in the risk of firefighters and accident victims. 100% eco-friendly and hygroscopic. Its main virtues are: safety, respectful with nature and very effective. With ECOFIRE nothing burns.

**SAFETY:**

- Less risk for the one fighting the fire.
- Immediate temperature reduction, which allows to act more closely.
- Composed of 100% natural and food products.
- It stops the smoke immediately, avoiding intoxication.
- Harmless to people, does not irritate skin, eyes or nasal passages. Reduces risks both for applier and harmed.
- It does not generate toxic gases.
- It is neither corrosive nor toxic.
- **EFFICIENCY AND SPEED:**
- Up to 30 times faster than water and other firefighting products.
- Total extinguishment of the fire, it is not reactivated once it has been extinguished. Where it is applied it cannot be burned, it does not burn again.
- It adheres to surfaces and maintains its properties until it is easily cleaned with water. Outdoors it must rain 10 to 12 liters per square meter until it wears off (enough rain to put out a fire).
- Effective in electrical fires.
- Specially designed for rapid response. Reducing losses and deterioration.
- No maintenance is required.
- 5-year warranty.
- A small quantity is needed to put out the fire. 1 L of ECOFIRE equals between 40 and 50 liters of water.
- 100% efficiency in high combustion materials.
- Fire fighting in magnesium machining centers.

**PREVENTION:**

- Preventive barrier against fire, acts as a firebreak.
- Thermal insulator.
- Ideal for difficult evacuation sites because it quickly suffocates toxic gases.
- Prevents the spread of fire, perfect for weather changes and winds.

**EXTINGUISHING:**

- 6 to 10 times faster than water and other extinguishing products.
- Total extinguishing of the fire, it does not reactivate once extinguished.
- Direct and easy to apply.
- No heat transmission.

**ECOLOGICAL:**

- 100% Ecological.
- 100% Organic.
- 100% Bio-degradable.
- Composed of 100% natural and food products.
- Harmless to animals, humans and plants.
- Perfect for intervention in forests and fields.
- Cleans up with water and leaves no mark.



0 - SIN RIESGO PARA LA SALUD  
0 - NO HEALTH RISK  
0 - KEIN GESUNDHEITSRISIKO  
0 - AUCUN RISQUE POUR LA SANTÉ  
0 - SEM RISCO PARA A SAÚDE

0 - NO SE INFLAMA  
0 - DOES NOT FIRE  
0 - FEUERT NICHT  
0 - NE TIRE PAS  
0 - NÃO DISPARA

0 - ES ESTABLE  
0 - IS STABLE  
0 - IST STABIL  
0 - EST STABLE  
0 - ESTÁ ESTÁVEL

ECOFIRE is an invention of **Cesar Sallen**, from Spain, it is a fully tested **worldwide patent**. We, **Simonrack**, Spanish family company, are the worldwide distributor.

**SIMPLER APPLICATION SYSTEMS: No stamping or maintenance required\***

<p><b>SPRAYERS 2 AND 5 LITERS</b></p> <p>Immediate intervention in localized and contained fires</p>	<p><b>EXTINCTION BACKPACK</b></p> <p>Immediate intervention in medium-sized fires. Allows to approach to the fire and build a protective barrier</p>	<p><b>PRESSURE WASHER</b></p> <p>Immediate intervention in medium-sized fires. Allows to approach to the fire and build a protective barrier</p>	<p><b>ELECTRIC SPRAYERS</b></p> <p>Immediate intervention in medium-sized fires. Allows to approach to the fire and build a protective barrier</p>	<p><b>SELF CONTAINED EXTINCTION EQUIPMENT</b></p> <p>Intervention in large fires fires. You need to attach a motor pump to the tank</p>
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\*It is recommended to use Simonrack Ecofire Fighting through spraying systems, in the case of using a roller or brush, make a uniform movement without pressure.



**ANIMAL ENCLOSURES**

Protect your animals with a anti-fire barrier.

**AGRICULTURAL VEHICLES**

Protect your vehicles.

Avoid burning your vehicle with an immediate action.

We recommed equipping your vehicle with a backpack or 50 liter extinguishing equipment.



**HOUSING**

Protect your home from fire.

Preventive action:  
Impregnate your home with ECOFIRE, and prevent it from burning even if it is caught in a fire.

We recommend fixed sprinkler systems with ECOFIRE.

Put out the fire immediately preventing it from spreading to your home.



**STUBBLES**

Helps you with stubble burning by increasing safety.

We recommend equipping yourself with an ECOFIRE backpack.

Immediate fire extinguishing avoiding spread.

20 to 40 times more efficient than water.



**MATERIALS**

Protect and isolate other materials.

Avoids accidents in jobs that pose an incendiary risk to the environment.

**FIREBREAK**

Helps in firefighting.

Create a preventive and protective barrier against fires with ECOFIRE.





### VEHICLES

Put out a vehicle fire within 6 minutes with only 50 to 100 liters.

30 times faster than water and other firefighting products.

With the immediate action of ECOFIRE prevents your vehicle from being burned.

### TRANSPORT OR DIFFICULT EVACUATION SITES

Appropriate for planes, ships, trains,...

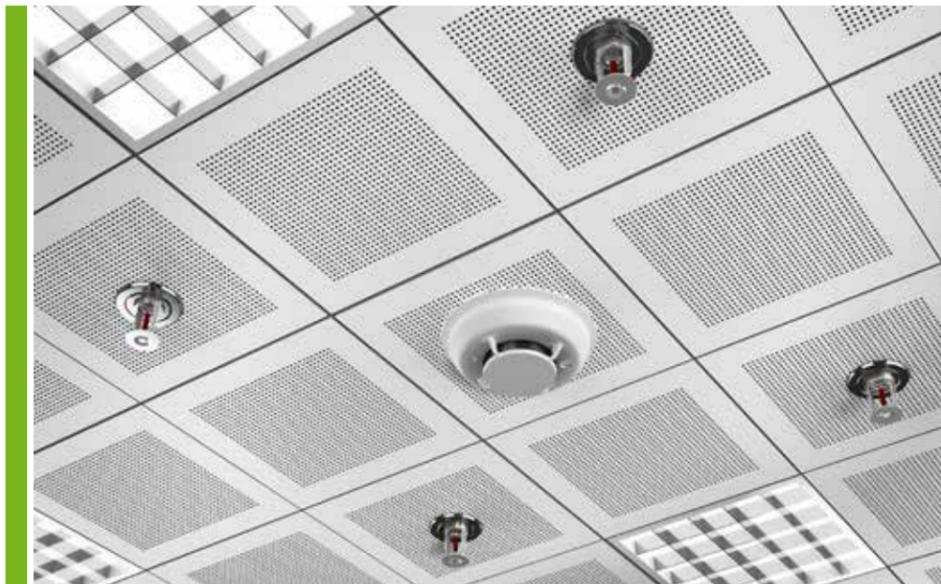
it is not toxic and smothers the smoke protecting peoples lives.



**FIREFIGHTING EQUIPMENT**

To sustain permanent firefighting systems, 2 liters per square meter is recommended.

With ECOFIRE a tank 8 times smaller than with water is needed.



### TRANSPORT VEHICLES

Minimize damages. immediate action.

We recommend equipping yourself with an ECOFIRE backpack.

8 to 20 veces less liquid is needed to put out the fire.

### THERMAL INSULATION

Insulator for handling very hot objects.

Useful for impregnating gloves and other hot tools.



Be careful on allowing the liquid to evaporate before use..



### HOUSE FIRES

Avoid house fires, with immediate action.

Having 2 to 3 liters sprayers is recommended.

Reduce the damages caused by fires.



### COLD ROOM

Recommended for cold rooms.

Guaranteed down to -40 °C.

It does not modify its qualities or characteristics.

**FIRE CLASS:**  
According to European Standards

STARTED BY	ECOFIRE FIGHTING SIMONRACK INDUSTRY	ECOFIRE FIGHTING SIMONRACK FOREST	ECOFIRE FIGHTING SIMONRACK FLIGHT	ECOFIRE FIGHTING SIMONRACK HOME	OBSERVATIONS
<b>FIRE CLASS A</b>	✓	✓	✓	✓	Solid combustible materials fires (wood, fabrics, paper, rubber, etc.). For their extinction they require cooling, i.e. the temperature component is eliminated.
<b>FIRE CLASS B</b>	✓	✓	✓		Combustible liquids or liquefiable solids fires (paints, greases, solvents, naphtha, etc.). They are extinguished by eliminating the air or by interrupting the chain reaction.
<b>FIRE CLASS B(II)</b>	✓	✓	✓		Combustible gas fires (such as natural gas, hydrogen, propane or butane). They are extinguished by eliminating the air or by interrupting the chain reaction.
<b>FIRE CLASS C</b>	✓			✓	Electrical fires Up to medium voltage, the use of IPE is required.
<b>FIRE CLASS D</b>	✓				Certain combustible metals fires (magnesium, titanium, zirconium, sodium, potassium, etc.).
<b>FIRE CLASS F</b>	✓			✓	Vegetable oils or animal fats fires (cooking oils, among others)



Recommended for concentration fires. Its higher density favors its adherence.



Recommended for fire fighting on large surfaces: forestry, agricultural, warehouses,....  
Its lower density favors a homogeneous dispersion.



Recommended for drone use. Its greater density allows penetration into the soil thanks to spraying with the drone.



Recommended for domestic use and immediate intervention in localized fires. Avoids domestic accidents by putting out the fire quickly and efficiently.



Recommended for concentration fires. Its higher density favors its adherence.

DENSITY (Kg per Liter): 1,26 - 1,29



**ECOFIRE INDUSTRY 1L\***

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
ECOFIRE INDUSTRY 1L	8425437139390	1 Sprayer 1 liter Ecofire Industry	300 x 115 x 100 (11.8" x 4.5" x 3.9")	1	1,40 (3.1)	21,91 €	19,85 €

\*Minimal sale unit: 20 sprayers 1 L and multiples of 20.



**BOX 20 ECOFIRE INDUSTRY 1L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
BOX 20 ECOFIRE INDUSTRY 1L	8425437139406	1 Box = 20 Sprayers 1 liter Ecofire Industry	320x570x395 (12.6" x 22.4" x 15.6")	20	28,10 (61.9)	438,30 €	19,85 €



**MINIPROMOBOX 120 ECOFIRE INDUSTRY 1L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
MINIPROMOBOX 120 ECOFIRE INDUSTRY 1L	8425437139413	1 Palett = 120 Sprayers 1 liter Ecofire Industry	1095x820x640 (43.1" x 32.3" x 25.2")	120	175,20 (386,2)	2.629,77 €	19,85 €



**ECOFIRE INDUSTRY 5L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
ECOFIRE INDUSTRY 5L	8425437135910	1 Jerrycan 5 liters Ecofire Industry	226 x 165 x 188 (8.9" x 6.5" x 7.4")	5	6,95 (15.3)	66,44 €	12,31 €



**MINIPROMOBOX 60 ECOFIRE INDUSTRY 5L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
MINIPROMOBOX 60 ECOFIRE INDUSTRY 5L	8425437135934	1 Palett = 60 Jerricans 5 Liters Ecofire Industry	985x820x640 (38.8" x 32.3" x 25.2")	300	439,00 (967.8)	3.986,32 €	12,31 €



**ECOFIRE INDUSTRY 1000L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
ECOFIRE INDUSTRY 1000L	8425437135873	1 Deposit 1000 Liters Ecofire Industry	1170 x 1200 x 1000 (46.1" x 47.2" x 39.4")	1000	1380,00 (3042.4)	7.043,57 €	6,43 €



**ONLY CERTIFIED PRODUCT THAT PREVENTS BATTERY FIRE SPREAD**

- Prevents heat transmission and spread of the fire. PASSIVE PROTECTION EFFECT.
- Avoid reignition.
- High extinguishing capacity of lithium batteries by immersion (Does not react with lithium).
- Great fire extinguishing capacity generated by fats and oils.
- Suitable for metal fires (TYPE D)
- Ecological. (Non-toxic, non-bioaccumulative, not corrosive, Biodegradable).
- Reduces smoke emission.
- Harmless to animals, people and plants.
- Shooting length 15 m plus 5 m hose, allows you to project a product without risk.
- The lance control gun stops and activates the product output.



USE IN VOLTAGES UP TO 1,000V, LITHIUM BATTERIES AND METALS  
SPECIAL USE FOR VEGETABLE OIL FIRE

**SIMONRACK ECOFIRE FIGHTING 40 L**

MODELO	EAN Code	DESCRIPCIÓN	H x W x D mm (inch)	Total Litros	Kg/Unit (lb/Unit)	Unidad Venta	€/Unit
SIMONRACK ECOFIRE FIGHTING 40 L	8425437143359	Carro extintor móvil de 40 litros cargado con SIMONRACK ECOFIRE FIGHTING INDUSTRY	1130 x 560 x 450 (44.5" x 22.0" x 17.7")	40	81,96 (180.7)	1	3850,00 €



Recommended for extinguishing fires in large areas: forestry, agricultural, warehouses, ...  
Its lower density favors a homogeneous dispersion.

DENSITY (Kg per liter): 1,22 - 1,25



**ECOFIRE FOREST 5L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
ECOFIRE FOREST 5L	8425437135927	1 Jerrycan 5 liters Ecofire Forest	226 x 165 x 188 (8.9" x 6.5" x 7.4")	5	6,75 (14.9)	60,85 €	11,40 €



**MINIPROMOBOX 60 ECOFIRE FOREST 5L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
MINIPROMOBOX 60 ECOFIRE FOREST 5L	8425437135941	1 Palet = 60 Jerrycan 5 liters Ecofire Forest	985x820x640 (38.8" x 32.3" x 25.2")	300	427,00 (941.4)	3.650,92 €	11,40 €



**ECOFIRE FOREST 1000L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
ECOFIRE FOREST 1000L	8425437135880	1 Depósito 1000 liters Ecofire Forest	1170 x 1200 x 1000 (46.1" x 47.2" x 39.4")	1000	1340,00 (2954.2)	6.549,24 €	5,98 €



Recommended for drone use.  
Its greater density allows penetration into the soil thanks to spraying with the drone.

DENSITY (Kg per liter): 1,32 - 1,35



**ECOFIRE FLIGHT 5L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
ECOFIRE FLIGHT 5L	8425437140488	1 Jerrycan 5 liters Ecofire Flight	226 x 165 x 188 (8.9" x 6.5" x 7.4")	5	7,25 (16.0)	68,80 €	13,12 €



**ECOFIRE FLIGHT 1000L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
ECOFIRE FLIGHT 1000L	8425437140495	1 Depósito 1000 liters Ecofire Flight	1170 x 1200 x 1000 (46.1" x 47.2" x 39.4")	1000	1440,00 (3174.7)	7.170,25 €	6,84 €



Recommended for domestic use and immediate intervention in localized fires.  
Avoids domestic accidents by putting out the fire quickly and effectively.

DENSITY (Kg per liter): 1,25 - 1,27



**ECOFIRE HOME 1L\***

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
ECOFIRE HOME 1L	8425437135958	1 Sprayer de 1 liter Ecofire Home	300 x 115 x 100 (11.8" x 4.5" x 3.9")	1	1,40 (3.1)	21,91 €	19,85 €



\*Minimal sale unit: 20 sprayers 1 L and multiples of 20.



**BOX 20 ECOFIRE HOME 1L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
BOX 20 ECOFIRE HOME 1L	8425437136061	1 Caja = 20 Sprayeres de 1 liter Ecofire Home	320x570x395 (12.6" x 22.4" x 15.6")	20	28,10 (61.9)	438,30 €	19,85 €



**MINIPROMOBOX 120 ECOFIRE HOME 1L**

MODEL	EAN Code	DESCRIPTION	H x W x D mm (inch)	Total Liters	Kg/Unit (lb/Unit)	€/Unit	COST LITER RATE
MINIPROMOBOX 120 ECOFIRE HOME 1L	8425437136078	1 Palet = 120 Sprayeres de 1 liter Ecofire Home	1095x820x640 (43.1" x 32.3" x 25.2")	120	175,20 (386,2)	2.629,77 €	19,85 €



# ECOEIRE



**Simon  
Rack**

SINCE **1964** - MANUFACTURER



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