

AUTOMATIC FIRE BALL



Message from CEO

We ascertain our clients to superior quality products by continuously maintaining superlative quality levels with the implementation of regular and stringent checks. We implement the philosophy of "innovation for betterment" which enable us to complete the strength of our specialization.

Our ingenious innovation and tailored made solutions, give our customers an edge over the competition. Awards and certifications have been an important part of our organization's success story.

« VISION »

Value can not be achieved through technology alone. It starts with people; experts working together to reach the heart of your business objectives and develop the most adaptable solutions to fit the requirements, we believe this human-centred approach to technology, is what makes the difference in our business.

« MISSION »

Our mission is to reach the acme of perfection by blending our technology and expertise to maximize client satisfaction. We wish to ensure optimum utilization of existing asset to generate maximum internal resources renovation, growth and expansion. We desire to preserve the ecological balance and explore eco-friendly production processes to strike a harmonious relationship between nature and industry. To achieve all of this, we will exploit all our energy, development, cutting edge technology and draw on them to deliver effective world-class solutions to our customers.

Don't Panic, Here's Redmatic!

"Redmatic Automatic Fire Fighter (Extinguisher)" is a new revolutionary product which extinguishes fires, when in direct contact with flames. Install near fire-prone areas or throw it into a live fire and it will act automatically within 10 - 15 seconds.

This Product is 100% Made in India with Best Quality of Extinguishing Powder which is UL Approved as per UL 299 & 711 standards and ISI Marked (IS 14609). Our manufacturing facility is ISO 9001:2015 certified. Quality systems & products are designed by International Norms and approved technically by "CE". We tested our product with the National Test House & Government of India Laboratory and got excellent results. This product is vital for fire safety in schools, offices, electrical transformer stations, office buildings, etc.

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The product is recommended for fire extinguishing and surveillance for the following types of fire:



Class A

Combustible Materials
(Wood, paper, fabric, etc.)



Class B

Flammable Liquids



Class C

Flammable Gases



Class D

Electrical Equipment



WHY REDMATIC?

- Cutting Oxygen and Blanketing Method
- Automatic & Manual usage
- Harmless to environment
- No Malfunction
- Fast Reaction
- No training required for the product
- Minimum cost & installation time
- Low probability of reignition
- Warning signal at initial level

Technical Characteristics

Redmatic is composed of a lightweight casing of rigid plastic foam with an abrasion-resistant exterior sheathing. Within its interior, there is an explosive yield detonator and a variety of fire retardant chemical agents, including dry powders, two-part reactants and liquid components.

Technical Information:

- | | |
|--|---|
| ● Weight of extinguishing powder mixture: 1.3 +/- 0.2 kg | ● Warning audio signal: 120-140 dBA |
| ● Total weight of the product: 1.5 +/- 0.2 kg | ● Activation time: 3 - 10 sec with flame |
| ● NEC: 0.4 g | ● Product type: other pyrotechnic products, pyrotechnic extinguishing agents. |
| ● Diameter: 152 mm | |
| ● Category: P1 | |
| ● CE NB: 1395 - P1 - 0128 /2010 (EU Standard) | |

Advantages

Redmatic is an important technological breakthrough soon to become a reference on the firefighting products market. It is enforced by a series of striving advantages that make the product stand out by itself:

Easy to Use

The drum-shaped has no pins, no moving or mechanical parts. It doesn't require any training due to its simple use cases.

Compact & Lightweight

The drum-shaped weighs only 1.5 kg, which is why this device is so compact and easy to store or transport.

Self-activating

It self detonates in case of fire situation even in absence of people.

Attention grabber

When Redmatic is deployed, the noise created ranges between 120-140 dBA and thus draws the attention of anyone up to 200 meters.

Environmental friendly

It does not pollute the environment.

And many more continues...



Work & Usability

How does it works ?

Redmatic is very easy to use and provides extra protection as it self-detonates in the presence of fire.

Simply throw the drum-shaped into the fire. Within 3 to 10 seconds after the contact with the flame, the trigger inside the drum-shaped detonates the fuse on the drum-shaped's surface. An instant blast occurs and the chemical powder disperses over an area of 8-10 square metres. The outward driving force of the blast pushes the oxygen out of the fire area and the powder extinguishes the fire.

Because it activates automatically, there are no required skills or special training to use it. It is accessible to any user: women, children or elderly people they just have to roll or toss it into the fire base from a safe distance.

When the drum - shaped self detonates, it gives a loud warning sound around 120-140 dBA which is not harmful to people.

How should you use it ?

Redmatic is extremely versatile so it can be placed in places with fire risk, such as the above power switches, in kitchens or above overloaded sockets. There are two ways of using it:

- Active Use
- Passive Use

Comparison

Comparison between Conventional Fire Extinguishers and Drum - shaped

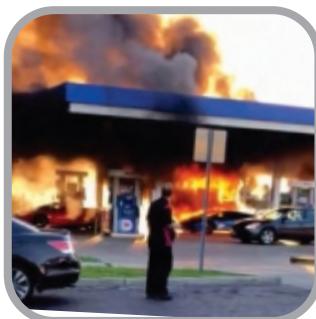
Training	Required	Not Required
Training Requirement	Required	Not Required
Fire Classification	Selected as per the class of fire.	The same caters class A,B,C,E fires.
Weight	Domestic 2-7 kg Industrial 5-9 kg	1.3 kg
Operating Distance	2 m from fire	No distance restriction - it can be tossed from a safe distance
Maintenance	Required	Not Required upto 5yr
Refilling	Required	Not Required
Operation method	Manual	Self-Activated
Extinguishing time	02-10min average	3-10sec
Coverage Area	Depends on size of Extinguisher	360degree Coverage 8-10msqr
Failure Chances	Body Rust; Nozzle chocked; powder settles;	NIL
Environmental concerns	Powder could be made from CFC	Free of CFC
Possibility of theft	Yes	No
Space required	2" X 6" (Feets)	6' X 6' inch

Places to Install Redmatic

KITCHEN



GAS STATION



LIVING AREA



TRAINS



OFFICE



VEHICLES



SERVER ROOM



SWITCHES



Our Clients



PIMPRI CHINCHWAD
MUNICIPAL CORPORATION



PUNE RURAL S.P OFFICE



FOREST DEPARTMENT,
NASHIK



GARWARE CLUB HOUSE,
MUMBAI



SATARA S.P OFFICE

Raychem RPG

RAYCHEM



SHAPOORJI PALLONJI
GROUP, MUMBAI



MINDA INDUSTRIES,
CHAKAN



JSW ISPAT IND.
MUMBAI



B.G. SHIRKE GROUP,
MUMBAI



TEST CERTIFICATES

भारत सरकार
गवर्नमेंट ऑफ इंडिया, व्हायर आर्केटिक विलेन बोर्ड, ग्रामीण विभाग
मिनिस्ट्री ऑफ कॉन्स्मर एफ्फर्स, फौड & पब्लिक डिस्ट्रिब्युशन, देपार्टमेंट ऑफ कॉन्स्मर एफ्फर्स

NATIONAL TEST HOUSE (Western region)
प्लॉट सं. F-10, प्लॉट नं. 10, मारों अंडेरी (E), मुंबई - 400 093
Plot No. F-10, M.L.D.C., Marol Andheri (E), Mumbai - 400 093

परीक्षण प्रमाण पत्र

TEST CERTIFICATE

Form No : NTH (WR)MUM-S

Test certificate no : NTH(WR)MUM-2018/00127 Date of issue : 28/03/2018 Code No : 1521449005332 No. of page : 1 of 1

Annexure

8. Results of Tests:
As desired the sample described as Automatic Fire Fighter (Drum Type) has been tested for the following parameters as per the Manufacturer's enclosed specification :-

Result:

Sr. No	Tests	Observations
1.	Marking and Appearance:	
i)	Device type	Automatic Fire Fighter
ii)	Make or label	REDMATIC Fire Fighter
iii)	Model No. & Model No.	XX18090001
iv)	Manufacturing date	02/2018
v)	Expiry date	01/2023
vi)	Diameter of Fire Extinguisher drum in mm.(Avg)	120
vii)	Length (Total Height) of Fire Extinguisher drum in mm	152.80
viii)	Weight of Fire Extinguisher drum in Kg	1.2
2.	Performance Test:	
a)	Drop Test: After dropping the Fire fighter drum on concrete floor from the height of 7 feet.	Satisfactory Fire fighter drum was not damaged. No crack and leakage was observed.
b)	Activation Time : Time taken to activate the Fire fighter drum after dropping in wood fire.	Fire fighter drum bursts at 10 th second after dropping in wood fire.
3.	Chemical Tests: (IS 2088-1983)	
i)	Appearance	Light yellow powder
ii)	Lead (as PbO) ₂ % by mass	0.0015
iii)	Boron (as B) ₂ O ₃ % by mass	0.0002
iv)	Chromium (as Cr) ₂ O ₇ % by mass	0.0004
v)	Arsenic (as As ₂ O ₃) ₂ % by mass	0.01

Tested by  Checked by  Approved by 

(U.G. Padhan) (M.R. Wagh) (S.S. Surapanayakan)
Scientific Officer (Mech.) Scientist SB (Mech.) Scientist SC (NDT)

CERTIFICATE OF COMPLIANCE

Certificate Number: 20161129-EX26926
Report Reference: EX26926-20160628
Issue Date: 2016-NOVEMBER-29

Issued to: KEMEX INTERNATIONAL PVT LTD
B7, BONANZA INDL ESTATE,
ASHOK CHAKRAWARTI RD
KANDIVALI (E), MUMBAI MH 400101 INDIA

This is to certify that representative samples of
COMPONENT - DRY CHEMICALS FOR FIRE EXTINGUISHERS
See addendum page for model(s).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/UL 299, Dry Chemical Fire Extinguishers
ANSI/UL 711, Rating and Fire Testing of Fire Extinguishers

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplement, many manufacturers provide their own identification and catalog numbers. A Component Mark is a UL Registered Component Mark. **UL** may be used in conjunction with the required Recognized Marks. The Registered Component Mark is required when specified in the UL Directory preceding the recognitions or under "Marking" for the individual recognitions.

Recognized components are incomplete in certain constructional features or performance characteristics and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL.

Lack for the UL Certification Mark on the product.


UL
Underwriters Laboratories Inc.
Information and documentation regarding UL may be provided on request at 1.877.321.4420 or via electronic address at ulinfo@ul.com.
Product Safety Information Department at www.ul.com/ulinfo

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COMPLIANCES

Certificate of Registration

This is to certify that the Quality Management System of **OCEANFIRE EQUIPMENTS PVT. LTD.**

At Address

HEAD OFFICE - OFFICE NO. 17, FIRST FLOOR B WING,
SPINE CITY MALL BHOSARI, PUNE - 411026, MAHARASHTRA INDIA

Has been Assessed by Crescent Quality Certification Pvt. Ltd. and Deemed to comply with the requirement of

ISO 9001:2015

This Certificate is Valid for the activities specified below:

MANUFACTURING OF AUTOMATIC & PORTABLE FIRE EXTINGUISHER, AUTOMATIC FIRE FIGHTER "DRUM TYPE" AND "BALL TYPE", (EXTINGUISHING POWDER MAP- 90), AUTOMATIC FIRE SPRINKLER, FLEXIBLE DROP, CO₂ FLOODING & FM 200, BRAND NAME: "REDMATIC", "POPPERS", "OCEANFIRE"

Registration No.: CQCP/OMS/0618/2241
Certificate Issue Date: 14.06.2019
1st Surveillance: 06.2019

Certificate Expire Date: 13.06.2021
2nd Surveillance: 06.2020






Managing Director

CRESCENT QUALITY CERTIFICATION PVT. LTD.
B-1005, Gundeche Syamai Vengurlekar Road, Andheri West, Mumbai - 400 053, India
Phone: +91224049510, Email: crescentqualitycertification.com,
Web Site: www.crescentqualitycertification.com
For Current validity of this certificate, please visit our website

PRODUCT CERTIFICATE
EC Attestation of Conformity

OCEANFIRE EQUIPMENTS PVT. LTD.

Address : HEAD OFFICE - OFFICE NO. 17, FIRST FLOOR B WING, SPINE CITY MALL BHOSARI, PUNE - 411026, MAHARASHTRA INDIA

Is in compliance with Directive:
97/23/EC,
2001/85/EC,
2006/42/EC

For the Following Products

AUTOMATIC & PORTABLE FIRE EXTINGUISHER, AUTOMATIC FIRE FIGHTER "DRUM TYPE" AND "BALL TYPE", (EXTINGUISHING POWDER MAP- 90), AUTOMATIC FIRE SPRINKLER, FLEXIBLE DROP, CO₂ FLOODING & FM 200, "REDMATIC", "POPPERS", "OCEANFIRE".

In accordance with:
TCF No. CE/01

The present certificate exclusively refers to the product above identified, in accordance to TCF submitted in CQCPL. Any changes or modification implemented on the product will not be covered by this certificate

Registration No.: CQCP/CE/0618/3460
Certificate Issue Date: 14.06.2018
1st Surveillance: 06.2019

Certificate Expire Date: 13.06.2021
2nd Surveillance: 06.2020







Managing Director

CRESCENT QUALITY CERTIFICATION PVT. LTD.
Phone: +91224049510, Email: crescentqualitycertification.com,
Web Site: www.crescentqualitycertification.com
For Current validity of this certificate, please visit our website



An ISO 9001:2015 certified Company

#startupindia



Marketed By:
Bhagirath Industries Private Limited

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Authorised Dealer