

Drop**safe**[®]



Drops Prevention Technology

Catalogue



**Professional.
Reliable.
Secure.**

www.dropsafe.com



About Us

At Dropsafe we improve workplace safety by collaborating with industry professionals in the Oil and Gas, Marine, Mining and Industrial sectors to develop effective application-specific dropped and falling objects prevention solutions. For over 20 years we have been delivering innovative and patented mesh-security and mesh-safety products.

At Dropsafe we continue to invest and expand into new product categories to provide our customers with the solutions to protect their personnel from DROPs hazards. Our proprietary technologies have become the standard in the onshore and offshore Oil and Gas Sectors. We proudly serve over 300 customers and have exclusive fleet-wide supplier agreements with Oil and Gas industry leaders.

At Dropsafe we provide work place safety solutions for our customers, so they can better protect their people.



Dropped Object Hazards

Fixtures, handheld devices, unsecured tools, loose items and structural components that may fall from height are all potential safety hazards.

Dropped objects can cause serious injury, fatalities and damage to critical equipment.

A wide range of factors contribute to dropped objects:

- Vibration from drilling activities and operating equipment
- Oxidization and galvanic action (internal and external corrosion)
- Dynamic movement of operating equipment
- Environmental factors such as wind and gravity
- Inadequate installation and maintenance
- Wear and mechanical fatigue
- Unsecured tools and equipment used at height
- Poor housekeeping and human error

Industry leaders and organisations have recognized the importance of dropped object prevention solutions.



Dropped objects in the offshore Oil & Gas Industry:

72%

are equipment parts or unsecured objects*

52%

fall from more than 5 meters*

* Dropped objects register of incidents and statistics (DORIS) May 2013. www.dropsonline.com

Our Products

Dropsafe proprietary DROPs prevention products have become the industry standard in the Oil and Gas industry. We focus on innovation, quality, industry collaboration and 3rd party testing and validation in order to deliver product performance that exceeds customer expectations. We maintain a leading industry-wide quality record, supported by rigorous in-house procedures and state-of-the-art manufacturing control and monitoring technology.



Barrier



Nets



Barricades



Pouches



Accessories

Dropsafe Barrier

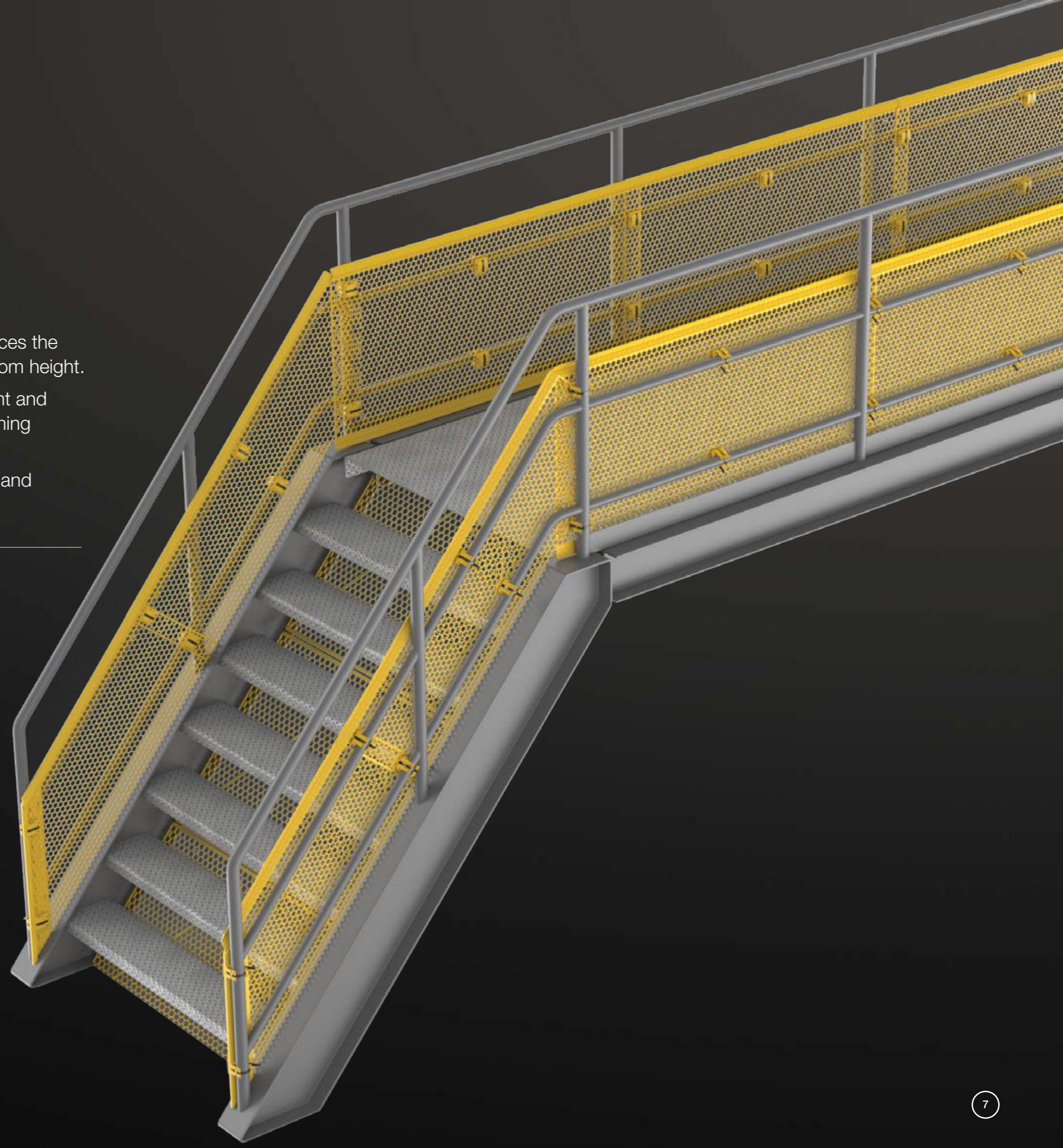
The Dropsafe Barrier is a dropped object prevention system, that reduces the risk of harm to people and critical equipment caused by items falling from height.

The system is affixed to the inside of elevated guardrailing of permanent and temporary installations. This prevents loose dynamic items from becoming dropped objects.

The system can also be used as a physical barrier between personnel and operating machinery to significantly improve work place safety.

Benefits

- Instant safety solution
- Fully tested & certified
- Compliant with relevant safety standards
- Closes the gap in human error
- Fast & easy installation with minimal tools





How The DropSAFE Barrier Works

The DropSAFE Barrier panel attaches along the inside of the guard railing of elevated walkways, stairways, access ways. The Barrier impact resistance and small honeycomb apertures provide item from falling.

Where To Use

The DropSAFE Barrier is designed for use the following areas:

- Catwalks
- Deck areas
- Gangways
- Monkey board
- Stairways
- Elevated work platforms
- Portable safety railings
- Scaffolding structures
- Cherry picker
- Machinery spaces
- Crane boom walkways

Features



High impact resistance
(62.5 J)



Small mesh aperture
(19.8 mm / 0.78 Inch)



Designed for high winds
(Category 5 wind speeds)



Suitable for harsh environments
(5 years weather testing)



ABS approved for DOPP+ standard



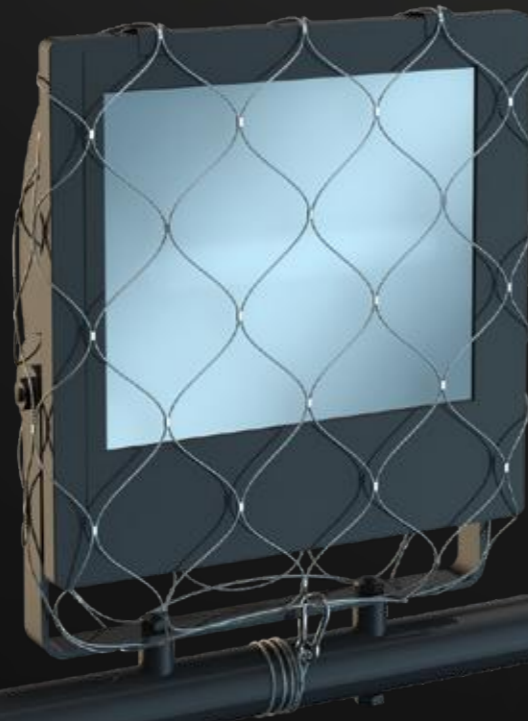
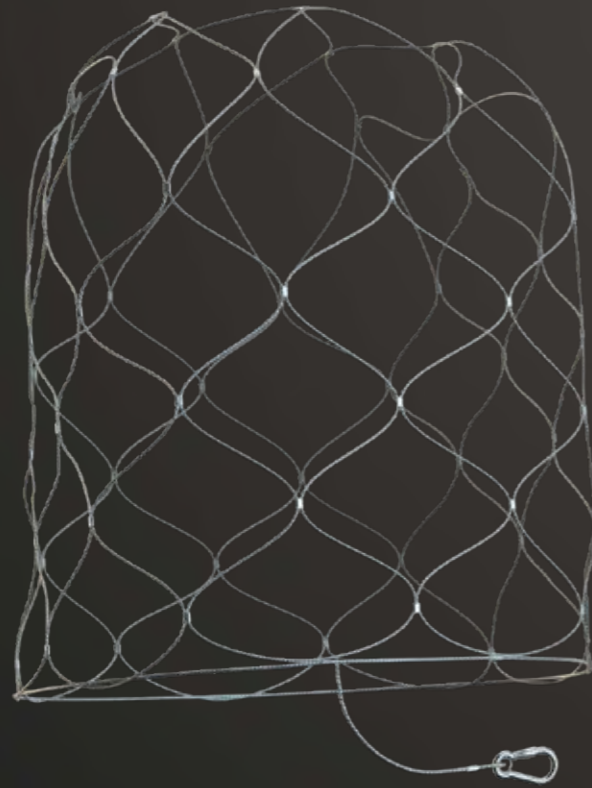
Dropsafe Nets

The Dropsafe Nets are dropped object prevention devices, that reduce the risk of harm to people and critical equipment caused by items falling from height.

The Nets enclose and tether items and fixtures located at height (such as lights, speakers, horns, CCTV cameras, etc.) to prevent these items from becoming a dropped objects hazard (from impact, fatigue, corrosion, vibration or poor maintenance).

Benefits

- Provides an instant safety solution for your personnel
- Easy to install, no tools required
- Fully encloses and tethers fixture being secured
- Retains loose or dislodged items
- Available for a wide range of fixture types



How The Dropsafe Net Works

The Dropsafe Net fully encloses the items being secured. The integrated securing cable attaches around a structural attachment point, preventing the items from falling.

Where To Use

- Fixtures located above personnel
- Fixtures on mobile equipment (e.g. crane booms, derricks, drill rigs)
- Fixtures in potential impact zones of mobile equipment
- Fixtures and mountings exposed to vibration wear and fatigue
- Fixtures prone to oxidization and galvanic action (internal and external corrosion)
- Fixtures located above operations' critical equipment
- Fixtures located in areas difficult to access for maintenance or inspection
- Securing items being replaced, maintained or repaired in situ

Features



Designed and tested to over five times (5X) the product Safe Working Load (SWL)



Able to retain most fixture mounting brackets (if SWL not exceeded)



Withstands extreme high temperatures up to 500°C (932°F)



SUS/AISI 316 stainless steel wire and components



Withstands extreme low temperatures down to -40°C (-40°F)



Available for a wide range of fixtures (custom designs also available)



ABS approved for DOPP+ standard

Fixture types

Dropsafe Nets are designed and tested to fit a variety of fixture types.



Floodlights



Fluorescent / LED Strip Lights



Nav / Strobe Lights



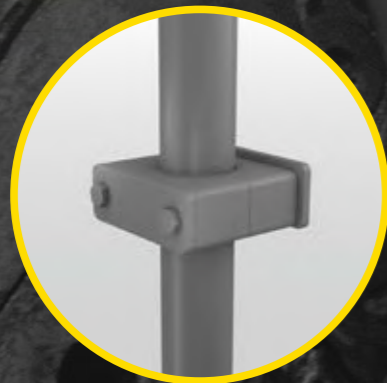
Speakers / Horns



CCTV Cameras



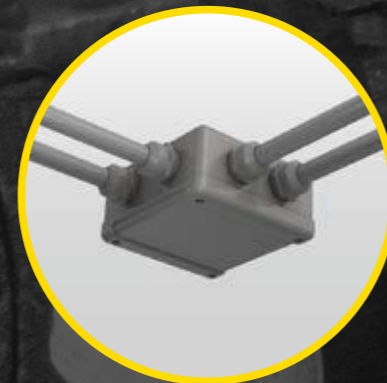
Self-Retracting Lifelines



Pipe Clamps



Anodes



Junction Boxes, Heat, Smoke and CO2 Detectors

Case Study : Dropsafe at work

Dropsafe prevents potentially serious incident during crane operations.

During lifting operations on a jack-up rig the load unexpectedly swung hitting a floodlight above the drill floor, breaking the light support.

A previously installed Dropsafe Net securely retained the light – preventing a potentially serious incident.



Dropsafe Barricades

The Dropsafe Barricade is a work site safety management system.

The Barricade is the only versatile and fully customisable system designed to install in any type of access and work area.

The Barricade system's flexibility enables good housekeeping practices, providing a safer working environment for your personnel.

Benefits

- Modular design provides flexibility and adheres to good housekeeping practices
- Effective solution to reinforce and enhance onsite safety procedures
- Instant safety solution with no tools required





How the Barricades work

The Barricade is designed to allow for modular use as lengths and sections can be fully customised making the system quick and easy to deploy. The flexible polymer chain allows the interconnected chain links to be easily detached and reattached by hand to suit the distance of the cordoned area with no excess chain or wastage.

The system incorporates a non-trip base with a screw in post, polymer chain, attachable warning signs as well as a waterproof reflective pouch for displaying workplace safety documentation.

Where to use

The Dropsafe Barricade can be used as an effective temporary control to minimise risk to personnel around machinery within areas of operation such as:

- Pressure Testing
- Open hatches
- Overhead lifting operations
- Drill floor Access/Egress
- Maintenance Work Overhead
- Maintenance Work – Deck Level
- Anchor handling
- Hot works

Features



Attachable DANGER and CAUTION signs



Multiple installation options



Fully customisable chain length



Durable weatherproof and reflective document pouch

Dropsafe Pouches

The Dropsafe Pouches are safety securing devices designed to secure handheld items used at height (such as two-way radios, portable gas detectors, aerosol spray cans and multimeters).

The Pouch fully encloses the item being secured and tethers the item to the user, preventing it from becoming a dropped or falling objects hazard.

Benefits

- Instant safety solution
- Fully encloses and tethers item being secured
- Heavy duty belt clip allows versatile use of item
- Plastic coated components to prevent item being scratched
- Products available to fit a variety of hand held items

Where to use

All areas where work or access is required at height, where single handed use of an item is required and there is risk of dropping, damaging or losing an item.

Features



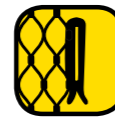
Designed and tested to over 2.5 times Safe Working Load (SWL)



SUS/AISI 316 stainless steel wire and components



TPU coated wires



Comes with heavy duty belt clip



Dropsafe Accessories

Designed for use in harsh offshore and onshore environments, Dropsafe Accessories provide application specific solutions to reduce dropped object risks.

Benefits

- Integrated safety features
- Designed for use in harsh offshore marine environments
- 3rd party tested and certified

Features



SUS/AISI 316 stainless steel wire and components



Carabiner with spring-loaded gate nut and safety indicator



Designed and tested to over five times (5X) the product Safe Working Load (SWL)

IMPORTANT Dropped Object Prevention Best Practice

Use Dropsafe Nets as the best practice method of secondary retention (instead of wire or web slings). The Dropsafe 5X SWL, SUS316 nets fully enclose and tether the fixture and components, whereas slings do not fully retain the item being secured.



Crane boom light after collision



Light shade and impact guard dislodged due to corrosion

The light fixtures in these photos were retained using Dropsafe Nets, significantly reducing the risk of injury to personnel. This would not have been possible with a sling.



Carabiner



Securing Cables



Lanyard



4-Part Safety Shackles

Dropsafe Padlock

Padlock with integrated securing cable is the only industry solution designed to prevent dropped object hazards associated with padlocks being handled at height.

Benefits

- Instant safety solution (no tools required)
- Simple solution to mitigate dropped object risks
- Prevents padlocks being misplaced or temporarily stored at height
- Designed for harsh operating environments

How the Padlock works

The padlock features an integrated securing cable with carabiner that enables the padlock to be tethered to a secure structure. This prevents the padlock from becoming a dropped objects hazard when being handled, misplaced or temporarily stored at height on walkways, beams etc.

Where to use

- Restricted access gates, doors and hatches
- For controlled use of valves and other hydraulic equipment
- To manage access to electrical equipment
- Control access to machinery rooms and guards

Features

316

SUS/AISI 316 stainless steel wire and components



Carabiner with spring-loaded gate nut and safety indicator

5X
SWL

Designed and tested to over five times (5X) the product Safe Working Load (SWL)





Protecting Your People

Asia Pacific

- +852 3664 8350 Head Office
- +800 492 2411 Singapore
- info@dropsafe.com

Australia

- 1 800 821 649
- australia@dropsafe.com

USA & Canada

- 1 866 299 2294
- usa@dropsafe.com
- canada@dropsafe.com

Europe

- +0 800 015 9709
- europe@dropsafe.com

Middle East & Africa

- +971 4 328 4855
- middleeast@dropsafe.com

Brazil

- brazil@dropsafe.com

Dropsafe is a proud member of:



Dropsafe®



Drops Prevention Technology

www.dropsafe.com