



SAF-T-GARD®
International, Inc. 

DELIVERING
WORKER SAFETY SOLUTIONS
for more than 85 years

Keep Your Industrial Athletes at the Top of Their Game this Summer and Year-Round with Sqwincher®



Dehydration is a threat in every season and especially during the summer months when the added heat and humidity can lead to elevated body temperatures and fluid loss. Understanding how worker performance and efficiency is affected by environmental conditions is critical to reducing dehydration-related illnesses and accidents.

Dehydration can occur from heat stress, cold stress, fatigue, illness, caffeine consumption and poor dietary intake, as well as a variety of other physical or work-related conditions. Motor speed and attention start to decline after using just 2% of body weight from sweating. At a 3-5% loss of fluids, performance can be reduced by 40-50%, predisposing workers to serious injury or illness, including heat stress, heat stroke, urinary and kidney problems and seizures or loss of consciousness.

Workers can lose up to two gallons of fluid per day making them especially vulnerable to the hazards that can cause serious injury and/or illness. Fortunately, dehydration-related incidents are 100% preventable.

Water alone is not enough to replace the minerals that the body needs to combat dehydration. Avoid lost-time injury costs and OSHA citations with **Sqwincher®** - the only electrolyte replacement drink specially created for the high-heat-stress environment of the workplace.

Sqwincher® was designed with the industrial workplace in mind and provides an optimally-formulated supply of electrolytes (sodium and potassium) that workers need to stay safe and productive.

In order to provide for the daily hydration needs of workers, **Sqwincher®** has developed three distinct electrolyte replenishment formulations. Each formula does not exceed the 8% threshold for electrolytes and carbohydrates recommended by NIOSH.

Formulations include, **Sqwincher®**, the original hydration formula, **Sqwincher® ZERO**, the sugar-free, low-calorie formula, and finally, **Sqwincher® EverLyte®**, a clear formulation that contains no color, preservatives, or artificial sweeteners. Whether it's a powder concentrate, liquid concentrate, ready-made drink, freeze pop, or any of the light calorie solutions, **Sqwincher®** stands behind

Subscribe to Our Saf-T-Blog

SAF-T-BLOG



Did you know Saf-T-Gard has a blog on our website, which we post new articles to every month? Authored by subject matter experts, including Richard A. Rivkin, Saf-T-Gard CEO and Chairman of the Board, and the world's leading safety manufacturers, the blog topics range from hazard identification, regulatory standards, and the latest technologies and innovations in safety to help safety managers, workers and business owners across all industries stay informed, make better decisions and work more efficiently. Whatever safety challenge you face, count on Saf-T-Gard to deliver trusted advice backed by more than 85 years of service.

Click [here](#) to browse and read our current selection of blog articles and click [here](#) to subscribe to our blog on LinkedIn to be automatically notified when new articles are posted.

Do you have a topic that you would like to see explored in a blog article? Please e-mail LSeminara@saf-tgard.com.

Shop Saftgard.com - The Smart, Simple and Speedy Way to Shop for Safety Online Today!



those who make it happen every day – increasing efficiency and minimizing dehydration dangers.



Saf-T-Gard provides **Sqwincher® hydration solutions** in all three formulations in a variety of flavors and dispensing options. Stock up for the season and save 30% on all

Sqwincher® products online now through September 30, 2024, with promo code **THIRST30** and get a FREE 7 cubic foot freezer when you purchase 60 cases of

Sqwincher® Sqweeze® Pops online. Click [here](#) to shop them online or call customer service at **1-800-548-GARD (4273)** today for more information or to place an order.

BEAT THE HEAT

The 2024 Atlantic Hurricane Season Begins Soon - Are You Prepared?



The 2024 Atlantic hurricane season officially starts June 1. Don't wait until it's too late to take action. Begin your pre-season preparations now with Voltgard®!



SAF-T-SUCCESS STORIES

Holiday Weekend Support

After receiving an urgent call for support over a holiday weekend, the Voltgard® team tested and shipped numerous boxes of rubber goods, blankets, and sleeves. Product was delivered to the local UPS facility to aid a major utility company in regaining power after a tornado shut down their local airport.

Ice Storm Salvation

With no common carriers available to make delivery, and no messenger service available due to icy roads, the Voltgard® team personally delivered dozens of pairs of gloves on a Sunday morning during a severe ice storm.

National Disaster Support

As an electrical contractor was mobilizing crews for a caravan to aid in natural disaster support, the Voltgard® team coordinated the pickup of a trailer full of arc-rated

Saftgard.com makes it easier than ever for visitors to find exactly what they are looking for by utilizing a guided navigation layout with a fully-optimized "smart" search engine. The responsive design enables use and access to more than 6,000 products with enhanced product content and imagery on your PC, smart phone, or tablet.

Moreover, existing Saf-T-Gard customers can link their account to a new Saftgard.com web login to review ALL past orders and invoices, create a "wish list" of favorite items, save carts to simplify the ordering/reordering process, and so much more! Buyers without an existing Saf-T-Gard account can register for one online, or they can still search, browse, and order on Saftgard.com without a Saf-T-Gard account.

We invite you to spend a few minutes at Saftgard.com, and if you haven't already, please register for an account to enable online ordering. Click [here](#) for a shortcut to the registration page, and click [here](#) for detailed instructions on how to link your Saf-T-Gard account to a Saftgard.com web login.

Five Safety Tips



1. SIZE MATTERS - You know that footwear and protective clothing come in sizes. Gloves, respirators, and earplugs also come in sizes. PPE that's too big provides inadequate protection. PPE that's too small is uncomfortable and impacts productivity.

2. FIT THE MASK TO THE TASK - Air-purifying respirators are designed for specific chemical or particulate hazards. Be sure you're using the right one for your application.

3. NOW HEAR THIS - Disposable earplugs are available in a variety of materials, sizes, and shapes. Give your workers a choice of products and

rainsuits and other PPE. The contractor routed a portion of their convoy by the Voltgard® facility, hitched up the trailer and met up with the rest of their team.

THE VOLTGARD® DIFFERENCE

- Can assist in pre-event storm planning by supplying the necessary safety equipment *in advance* and offer the ability to stock your emergency supply *after* the storm.
- 24/7 storm response hotline for the emergency shipments of rubber insulating products and safety equipment including PPE.
- Centralized Chicago-area location conveniently offers nationwide service and is just minutes away from FedEx and UPS service centers, and near Chicago's O'Hare International Airport for express air shipments.
- Saf-T-Gard's **Voltgard® Test Lab** is the largest independent NAIL4PET-accredited test lab in the United States and performs full-service testing and recertification for 12 different categories of rubber goods – all to applicable ASTM standards.
- Team of ASTM Committee F18 on Electrical Protective Equipment for workers voting members, Qualified Safety Sales Professionals (QSSP) and NFPA 70E trained professionals with more than 100 combined years of safety expertise including emergency response
- One of the largest new rubber goods inventories in the world - complemented by proprietary **Voltgard® electrical safety products** – ***available and ready to ship or pick up in a matter of hours!***
- Premier, single-source supplier of superior electrical safety products including **Honeywell Salisbury, PIP NOVAX®, Tingley, Skellerup, Radians** and more!.



PRODUCTS

- **Rubber Insulating Gloves**
- **Rubber Insulating Sleeves**
- **Rubber Insulating Blankets**
- **Rubber Insulating Line Hose**
- **Insulating Covers**
- **Dielectric Footwear**
- **Insulating By-Pass Jumpers**
- **Grounding Jumpers**
- **Hot Sticks**
- **Live Line Tools**
- **Insulating Plastic Guards**
- **Insulating Hand Tools**
- **Rubber Insulating Matting**
- **First Aid Supplies**
- **Rainwear**
- **General Safety PPE**

GET PREPARED - SHOP NOW

Whatever Mother Nature throws your way, Voltgard® is committed to weathering the storm together by providing unwavering support that lasts before, during and after any natural disaster. During storm emergencies - Voltgard® is available 24/7 at our Storm Response Hotline.

CALL 1-844-VOLTGARD

Shop SafTgard.com for 20% Savings

instructions on proper insertion and use.

4. CUT IT OUT - Cut-resistant synthetic fiber textile gloves provide no knife-point puncture protection - only metal mesh gloves can do that.

5. SIGN HERE -

Inadequate safety signage is a frequent violation and easily correctable.

QUESTIONS

Q&A

ANSWERS



Question: What are the requirements for products like gloves that come in contact with food?

Answer: The Food and Drug Administration of the U.S. Government has published extensive regulations in 21CFR parts 170-199 identifying acceptable food additives, indirect food additives, and substances generally recognized as safe. Gloves are considered indirect food additives and therefore all components must comply with the acceptable food additives or substances generally recognized as safe.

Saf-T-Gard Spotlight



Christina Santiago is Team Lead in our Changeout Department, and has been with Saf-T-Gard more than 10 years.

What Christina likes about Saf-T-Gard:

"I like that I have a great degree of control and freedom within my job."

20% OFF SITEWIDE SAVINGS

SAF-T-GARD
International, Inc.
BRINGING WORKERS HOME SAFELY SINCE 1936

PROMO CODE:
WEBSALE20

SHOP NOW

www.saftgard.com



ENTER PROMO CODE: WEBSALE20 AT CHECKOUT

This promotion is valid on web orders only. Limit one per customer. Additional exclusions may apply.

SAVE TIME AND MONEY WHEN YOU SHOP ONLINE

- All the top brands and products in safety
- Create an account for a personalized experience
- Easy to use on PC, smart phone, or tablet

VISIT SAFTGARD.COM

The Smart, Simple and Speedy Way to Shop for Safety Online Today!

SHOP NOW

Do You Have the Right PPE for EV Repair?

ARE YOUR WORKERS *SAFE* AROUND ELECTRIC VEHICLES?



SAF-T-GARD HAS PPE FOR HIGH-RISK EV ENVIRONMENTS

Don't trust just anyone with your workers' safety. Trust the experts with more than 85 years of experience.

The exponential growth in EV/HEV vehicles presents automotive workers with many additional hazards like arc flash, electrocution and electric shock that require more specialized personal protective equipment (PPE).

As a leading electrical safety solutions supplier and NAIL4PET-accredited rubber insulating products Test Lab, the **Saf-T-Gard® Voltgard® Electrical Safety Division** is uniquely qualified to keep those working in EV environments safe.

Download and browse our **Automotive Safety brochure** to review some of the most frequently-used safety products and services for this space and more. Click **here** to shop

What makes Christina's day:

"Knowing that I have made a contribution to make my team/company achieve our goals for the day."

Christina's outside interests:

"Outside of work I love spending time with my family, creating new memories with my three kids and dancing."

Anything else?

"Always bear in mind that your own resolution to succeed is more important than any other." – Abraham Lincoln

OSHA Factoid



Hearing Protection

Employers shall make hearing protectors available to all employees exposed to an 8-hour time-weighted average of 85 decibels or greater at no cost to the employees. Hearing protectors shall be replaced as necessary.

Employers shall ensure that hearing protectors are worn:

- By any employee who is required by paragraph (b)(1) of this section to wear personal protective equipment; and
- By any employee who is exposed to an 8-hour time-weighted average of 85 decibels or greater, and who:
- Has not yet had a baseline audiogram established pursuant to paragraph (g)(5)(ii); or
- Has experienced a standard threshold shift
- Employees shall be given the opportunity to select their hearing protectors from a variety of suitable hearing protectors provided by the employer
- The employer shall provide training in the use and care of all hearing protectors provided to employees
- The employer shall ensure proper initial fitting and supervise the

them online or call customer service at **1-800-548-GARD (4273)** today for more information or to place an order.

GET EV PPE & MORE

Vendor Product Spotlight: **Justrite® 231703 Lithium-Ion Battery** **Charging Safety Cabinet**



Introducing the **Justrite® 231703 Lithium-Ion Battery Charging Safety Cabinet**, fortified with ChargeGuard™ for ultimate protection. This state-of-the-art cabinet features multiple layers of advanced shielding, specifically designed to reduce the risks of battery fires and thermal runaway.

This patent-pending design offers the highest level of protection. With eight receptacles, it allows for simultaneous charging of multiple batteries up to a maximum of 2kWh, providing a reliable and efficient solution. The lightweight, benchtop design allows users to conveniently relocate the cabinet with minimal effort, while lockable doors help control access to lithium-ion batteries while preventing opportunities for theft.

Rest assured that your people, property, and the environment are safeguarded when using Justrite's family of products. Trust the **Justrite® 231703 Lithium-Ion Battery Charging Safety Cabinet** as a secure and comprehensive solution for combatting lithium-ion battery fires.

Battery Storage Cabinet Construction

The **Justrite® 231703 Lithium-Ion Battery Charging Safety Cabinet** is expertly crafted from sturdy 18-gauge (1 mm) steel, ensuring durability and security. Its exterior dimensions measure 24-inch H x 43-inch W x 18-inch D. The design includes double-walled sides, top, and bottom, with a 1-1/2-inch (3.8 cm) air gap between the walls. The manual-close doors feature baffled vents with a unique flame arrester pattern, supported by continuous piano hinges. The cabinet also includes a grounding attachment, leveling feet, and a three-point stainless steel bullet latching system, ensuring a secure and reliable door closure while enhancing resistance to heat and corrosion. The flush-mounted door handle comes with a key lock for added security.

Inside the cabinet, you'll find a fixed shelf with a safe load capacity of 65 lbs. One Axial fan helps to regulate temperature and features sliding doors that close and obstruct the fan opening if the internal temperature exceeds 135° Fahrenheit. Additionally, the cabinet is equipped with an 8-receptacle power strip, providing you with a controlled space for charging your lithium-ion batteries.

Required Utilities: This product is intended to be plugged into a dedicated 120VAC/60Hz GFCI supply using a minimum 14-gauge cord. (Supply cord not included with cabinet).

Product Summary

correct use of all hearing protectors

Reference: 29CFR1910.95

As I See It



It is May 2024 and let's explore the hand protection numbers. Trade advertising and content have focused for years on the cut level number. This is understandable when evaluated in response to hand injuries heavily caused by cuts.

So, with ANSI/ISEA-105 cut resistance ratings ranging from A1 to A9, what do those really mean? The different levels (A1 – A9) refer to the weight (grams) needed to cut through material with 20 mm of blade travel following ASTM F2992 test method. In your specific work application, is a glove rated A9 that much better than a glove rated A1? Only an actual on-the-job evaluation answers that question, because it is nearly impossible for any laboratory test to fully replicate the real-world application of gloves on your workers' hands.

But cut resistance is only part of the analysis, and a glove designed just for a high cut resistance rating may be lacking in other areas of protection. Many hazards involve abrasion even more than cuts and the glove performance will be different for these different hazards. Punctures are another hand protection hazard that must be addressed, and to our knowledge, there is no direct correlation between cut, abrasion, and puncture ratings in ANSI/ISEA-105 or other national and international standards. With modern technology, industrial gloves are developed for specific purposes even if it is only general material handling (think grip and flexibility).

- Ideal for charging and temporary storage of lithium-ion batteries
- 2kWh TECR maximum total capacity – includes 8-receptacle power strip
- Heat-reactive label changes colors when external temperatures reach 120° Fahrenheit
- Shelf capacity: 65 lbs. of evenly distributed weight
- Cabinet Exterior Dimensions: 24-inch H x 43-inch W x 18-inch D

Click [here](#) to shop the **Justrite® 231703 Lithium-Ion Battery Charging Safety Cabinet** online or call customer service at **1-800-548-GARD (4273)** today for more information or to place an order.

COMBAT LITHIUM-ION BATTERY FIRES

Watch the FREE PIP 3 Steps to an Impactful Heat Stress Prevention Program Webinar ON DEMAND



Join the leaders in personal protective equipment, PIP®, to help identify and address the main causes of heat stress and dehydration on the job in both indoor and outdoor environments. Attendees will gain a better understanding of the “what’s and why’s” behind heat stress and dehydration solutions engineered to help drastically improve a company’s heat stress prevention program including:

- A high-level overview of OSHA’s NEW Heat Stress National Emphasis Program (NEP)
- The functionality and benefits of key heat stress preventive PPE technologies
- The essential ingredients and components that make up an advanced hydration formula
- Advancements in high-visibility workwear engineered to keep workers cooler, more comfortable, and more productive on the job

WATCH NOW

Saf-T-Gard International, Inc.
205 Huehl Road
Northbrook, IL USA
Phone: 1-847-291-1600
Fax: 1-847-291-1610
Email: CustomerService@saftegard.com
Website: www.saftegard.com

Saf-T-Gard is a major manufacturer, distributor, importer and exporter of safety solutions for industry since 1936.

[Check Out Our Safety Blog!](#)

[Update E-mail Preferences](#)



And if that is not confusing enough, other hazards such as chemical exposure and temperature extremes must be considered. Different liquid proof glove materials perform differently in different chemicals. Laboratory tests include exposure time, concentration, and the resulting chemical degradation and permeation data. But again, laboratory tests are only a starting point in the selection of chemical-resistant gloves.

The bottom line (and it affects YOUR bottom line as well) is that it takes an experienced safety specialist to work through the overwhelming amount of test data and ratings to try to find the optimal recommendation for YOUR hazards.

That’s where we come in. We’re a team of experienced, dedicated safety professionals – real people to help you solve real problems. That’s who we are and what we do – because we’re Saf-T-Gard International – ***Bringing Workers Home Safely Since 1936.***

Sincerely,
Richard A. Rivkin, Saf-T-Gard CEO and Chairman of the Board

