



# STAY SAFE WORKING OUTDOORS

SEASONAL SAFETY EQUIPMENT  
FOR SPRING & SUMMER

[www.dentecsafety.com](http://www.dentecsafety.com)

PROTECT WITH DENTEC

# STAY SAFE THIS SEASON

## Safety Risks

Working outdoors in the summer can be challenging due to the increased risks associated with the season. Risks such as high temperatures, humidity, and exposure to UV radiation can lead to heat exhaustion, sunburn, and dehydration, while insects and hazardous plants can cause allergic reactions or skin irritations. It's essential for outdoor workers to be aware of these risks and take appropriate measures to protect themselves from harm.

Ensure your staff are not only aware of these safety risks but take appropriate precautions and use the right PPE to stay safe and healthy while working outdoors.

Protect yourself and employees with Dentec's Safety solutions and tips to stay safe this season while working outside.

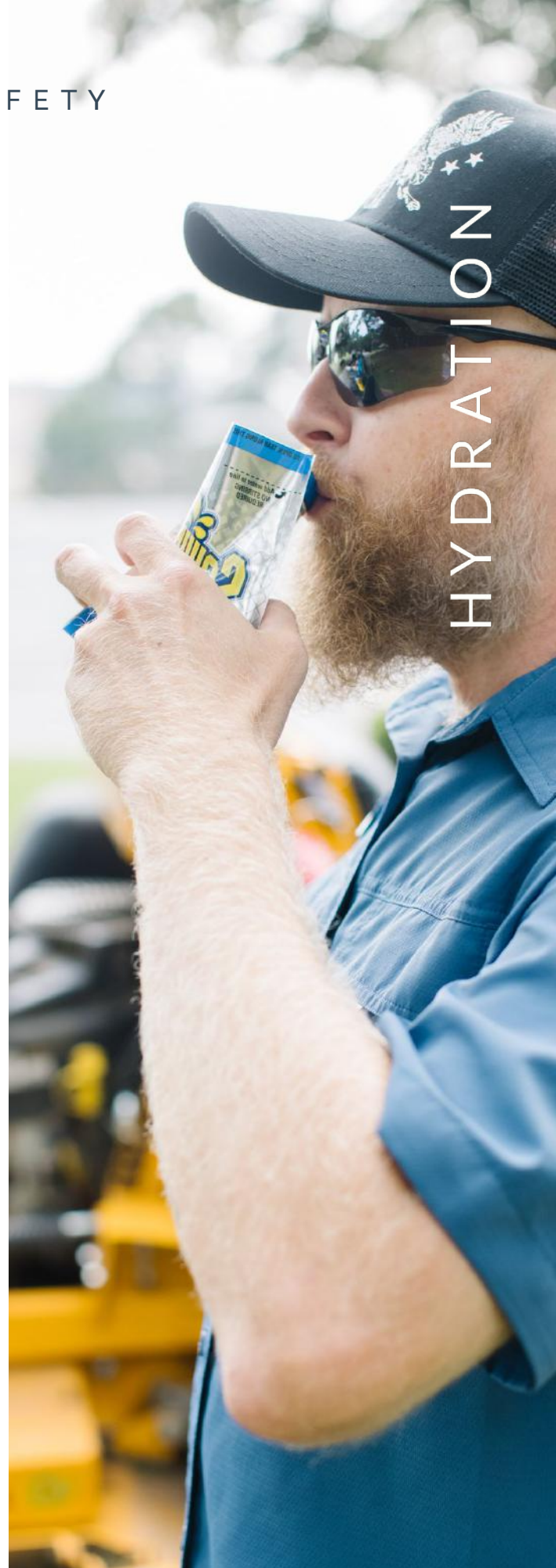




## Hydration in the Workplace

The danger of extreme heat increases every year. Workers suffer over 3,500 injuries and illnesses related to heat each year. Addressing proper hydration in the workplace with the right hydration solution can create safer work environments and boost worker productivity.

Proper hydration contributes to a workplace atmosphere that helps workers safely perform their daily tasks and focus on productivity. Adequate hydration is also essential to regulating core body temperatures, returning nutrients for critical organ functions and flushing internal toxins out of the body. A hydrated worker is a happy worker, something that is priceless when it comes to workplace safety and productivity.



HYDRATION



# HYDRATE

Sqwincher is a great-tasting, scientifically formulated electrolyte replacement hydration solution. It is designed to restore important mineral salts and fluids lost through dehydration, physical exertion and heat stress.

Sqwincher comes in a variety of flavours, regular and sugar-free formulations, as well as a selection of convenient packaging options. It has served Canadian industrial workers since 1975 and is specifically created for the high heat-stress environment of the industrial workplace.



## Sqwincher: The Natural Recovery Source for Dehydration



## The Activity Drink That Keeps Working Muscles Working



### Spend Pennies, Save Thousands. The Odds Are in Your Favour.

During the last two decades, plant managers, safety directors, plant nurses and industrial hygienists have relied on Sqwincher to protect workers in heat environments and help protect their operations against high disability costs, lost time and lowered productivity. For an average cost of less than a penny per ounce\*, you can provide your workers with an electrolyte replacement drink program that is easy to administer and highly effective. With Sqwincher as part of your safety program, the odds are in your favour.

Sqwincher simply tastes great. Better taste assures acceptance. When workers drink Sqwincher, they are not just fighting thirst, they are restoring the electrolytes their body needs to replenish and maintain a productive and balanced energy level. Sqwincher supplies energy to tired muscles through a scientific balance of carbohydrates-the fuel the body runs on.

Dentec offers a wide variety of dispensing options, such as Freeze-Pops, liquid and powder concentrates and package sizes – plus several, great-tasting flavours. Talk to one of our safety specialists about the size of your department and the heat stress demands your workers face. We can recommend which Sqwincher package and a dispensing option will be most effective in your environment.





# Avoid Heat Stress: Keep Cool

We all know the feeling of being overheated and longing to plunge into a cold pool. Avoid daydreaming and stay focused on the task at hand by reproducing that feeling with cooling apparel. Keep your body temperature from overheating with protective apparel specifically designed for heat stress protection.

Protect your body from heat stress with Thermo-Cool. Thermo-Cool products are characterized by their ability to protect individuals against the disabling effects of intense heat. The Thermo-Cool fabric was developed as a unique composite material designed to absorb and trap water to provide cooling through the process of evaporation. Simply soak in cold water for 3 minutes, squeeze and wear. Keeping you cool for hours. When the Thermo-Cool protective apparel starts to warm up, simply soak it in cold water and use it over and over again.

Thermo-Cool products come in a variety of styles and applications included:

- Neck-Ties
- Bandanas
- Hard Hat Pads
- Cooling Vest
- Wrist Wrap
- Sweatbands



THERMOCOOL



Qwik-Cooler Vests with Cooling Inserts

## Protective Apparel

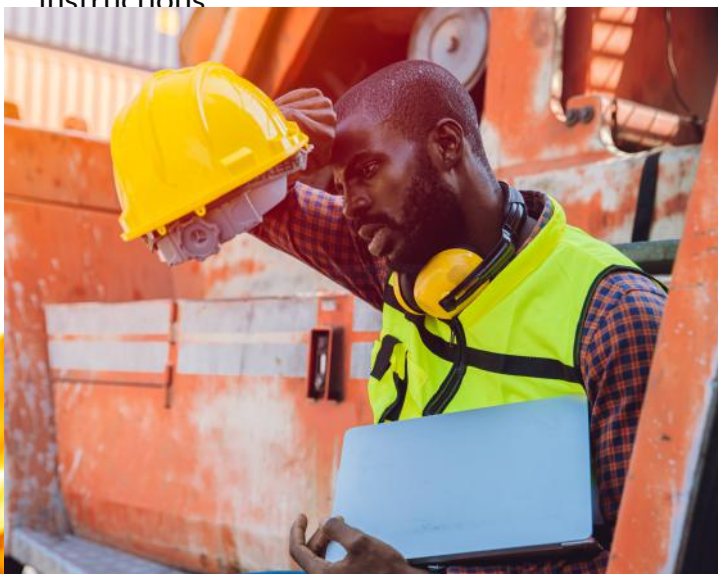
Cool off from the elements and prevent heat stress with Thermo-Cool products.

### How it works:

Allow approximately 3 minutes for the Thermo-Cool™ fabric to absorb the water. Note that swelling appears. Pour and squeeze out excess water thoroughly and wipe completely dry. Refrigeration or freezing is optional. Do not apply frozen product directly to skin. To reactivate, follow the above instructions



Qwik-Cooler Ties



Qwik-Cooler Bandanas



# Keep Bugs At Bay This Summer

Wearing insect repellent is important for outdoor workers in the summer to protect them from the bites of disease-carrying insects like mosquitoes, ticks, and flies. These insects can transmit a range of illnesses, including West Nile virus, Lyme disease, and Rocky Mountain spotted fever.

Outdoor workers, such as farmers, landscapers, and construction workers, are particularly vulnerable to insect bites because they spend a lot of time working outside. Insect repellent can help keep these workers safe and healthy by reducing the number of bites they receive as well as reduce the annoyance and distraction of swatting of bugs while trying to focus on the task at hand.

SKEETS SAFE



DENTEC SAFETY SPECIALISTS

# INSECT REPELLENT



50ML LIQUID SPRAY  
30% DEET



AERSOL CAN SPRAY  
25% DEET



100ML LIQUID SPRAY  
30% DEET



WASP & HORNET SPRAY  
350G CAN, 35KV RATING

Here's what you need to know about DEET:

- Higher concentrations of DEET do not provide better protection.
- Only longer protection in time!
- Higher concentrations of DEET over a period of time may cause health risks!
- Why expose yourself to potential health risks, when you don't have to!
- Insects usually bother you early in the morning or late in the afternoon to the early evening.
- How often are the industrial workers, working during these times?
- Due to the short time exposure use a lower concentration of DEET!
- Choose a product that meets your needs. For example, if you plan to be outdoors for a short period of time, choose a product with a lower concentration of repellent and repeat application only if you need a longer protection time.
- Use only personal insect repellents that are registered in Canada. They have a registration number granted under the Pest Control Products Act (P.C.P.) and are labelled as insect repellents for use on humans. Never use a product labelled as an insecticide on your body.

PROTECT WITH DENTEC



TICK KITS

***Tick season is here! Did you know that ticks can transmit diseases like Lyme disease and Rocky Mountain spotted fever?***

It's important to protect yourself when spending time outdoors. Wear long sleeves and pants, use insect repellent with DEET, and check your body and clothing for ticks after spending time outside. Dentec offers a series of Tick Removal Kits to protect against the potentially harmful diseases associated with tick bites. Stay safe and enjoy the great outdoors!





## The Biggest Misconception Around Sunscreen and SPF

One of the biggest misconceptions around sunscreen is that a higher SPF will provide you with better protection, but that's incorrect. A higher SPF doesn't give you better protection from the dangers of the sun, it just gives you the same amount of protection only longer.

SPF is relative to how quickly you burn without sunscreen on, so an SPF 30 gives you 30 times the duration you would otherwise burn unprotected.

An SPF of 30 is ideal because it will give you 97% protection from UVA, UVB and UVC, and it's important to use a broad-spectrum brand like Dentec Safety's Skin Protection line because it covers all.

If you go up to a higher SPF like 50 or 60 you are getting 98% protection (only 1% higher than 30 SPF), which is a great marketing ploy because these products are more expensive, and users think they are getting a higher level of protection. Any Health Canada approved sunscreen will state on the label to reapply every 120 minutes (2 hours), so why would you need an SPF higher than 30? Think about it.

This misconception around SPF ratings is why the Canadian Dermatology Association has not seen any noticeable decreases in skin cancer rates. Users are assuming their SPF 50 + sunscreen is keeping them safer and they are not reapplying. [In fact, according 2021 stats, melanoma is among the types of cancer that continue to increase annually.](#)

When it comes to sunscreen the most important thing is to apply regularly.



DENTEC SAFETY SPECIALISTS

# UV PROTECTANT SUN GLASSES STAY SAFE IN STYLE THIS SUMMER

Dentec Safety Glasses filter out 99.9% of UV Rays and are CSA approved.



HARTLEY™



MIRANDA™



CATALINA™

It's so important for outdoor workers to wear UV protectant safety glasses to protect their eyes from the harmful effects of ultraviolet (UV) radiation from the sun especially during the summer months.

Prolonged exposure to UV radiation can cause a range of eye problems, including cataracts, corneal damage, and macular degeneration. Outdoor workers, like construction workers, landscapers, and farmers, spend a lot of time working outside in the sun, which puts them at a higher risk of developing these eye problems.

UV protectant safety glasses can help reduce this risk by blocking out harmful UV radiation. UV protectant safety glasses are designed with special lenses that filter out harmful UV rays while allowing visible light to pass through. These glasses are also often designed with durable frames that can withstand the wear and tear of outdoor work.

Don't forget that workers must wear UV protectant safety glasses that meet the appropriate safety standards for their job. Employers should provide their workers with proper eye protection and ensure that they are trained to use and maintain it properly.

Safety glasses should be worn consistently and replaced if they become damaged or worn out.

***Dentec has a complete offering of eye protection & safety glasses that provide UV protection in a variety of styles and colours.***

PROTECT WITH DENTEC

# HEAD PROTECTION FULL BRIM HARD HATS

## Why Switch to Full Brim Hard Hats in the Summer?

**Protection from the sun:** Full brim hard hats provide extra shade and protection from the sun's harmful UV rays. This is especially important for workers who spend long hours in the sun, as they are at increased risk for skin damage and skin cancer.

**Protection from falling objects:** Full brim hard hats provide additional protection from falling objects compared to standard hard hats. The brim extends further out from the head, creating a larger buffer zone that can deflect or absorb the impact of falling debris.

**Increased visibility:** The larger brim on a full brim hard hat can also help increase visibility for workers. The bright color and reflective tape can make it easier for workers to be seen by their coworkers or drivers passing by, reducing the risk of accidents.

**Comfort:** Full brim hard hats are designed with a wider brim that helps to keep rain, sun, and other elements away from the worker's face and neck. This can help to keep workers more comfortable and reduce the risk of heat exhaustion and other heat-related illnesses.

*Dentec's offers a robust Head Protection in both Type 1 & Type 2 Hard Hats, in a variety of colours and styles available in either in slide or ratchet suspension.*

*\*If switching to a Full Brim style hard hat is not possible, consider using a Neck-Shield to help protect sensitive areas like your neck or ears.*

