



Made for Extreme Australian Conditions

THORZT.COM



Contains
electrolytes,
essential **amino acids**
and **magnesium**
that cannot be replaced
by drinking water
alone.

THORZT
HYDRATE · ENERGISE · PERFORM



WHY THORZT

- *Made for Extreme Australian Conditions*
- *Proprietary Electrolyte Formula*
- *Contains Magnesium
(the forgotten electrolyte)*
- *Contains Branch Chain Amino Acids*
- *Up to Half The Sugar of Other
Leading Brands*
- *Gluten and Caffeine Free*
- *Hypotonic*

THORZT.COM





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“THORZT”

1. (thor-sst) noun – An industrial strength thirst. Give me a drink to satisfy my Thorzt!
2. A technically advanced rehydration formula designed specifically for Australian conditions.

Need for fluids.

Dehydration adversely affects worker productivity, safety and morale.¹ Loss of fluids can cause Dehydration, Heat Stress, and Fatigue (DHF), the effects of which include decreased cognitive abilities, reduced performance and slowed reaction times.^{2,3,4} This can lead to reduced output and careless work practices which may contribute to serious accidents in the workplace.

At just 1% dehydration, productivity reduces by about 12%.^{1,2} At 2% dehydration, heart rate increases by 8 beats per minute (bpm) which increases perception of effort and reduces body performance by up to 30%.^{1,5}

At 3% dehydration, heart rate increases by 12bpm and performance is reduced by 25-50%. Reaction time is also slowed to levels similar to that of having a .08 Blood Alcohol Content (.03 above the legal driving limit).^{1,6}

At .08 BAC (Blood Alcohol Content) drivers are five times more likely to be in a car accident.⁷ Similarly the more dehydrated workers become, the more a Loss Time Incident (LTI) is likely to occur.

Drinking water replaces lost fluids but not essential salts, minerals, carbohydrates and amino acids needed to maintain optimum performance and productivity.

Sweat contains water, and essential salts known as electrolytes. In a thermally stressful environment like a mine site where workers can sweat anywhere from 1L-2.5L per hour,^{6,8,9} a specially formulated mixture of Electrolyte salts is required to replace fluid losses and re-establish the correct fluid-electrolyte balance.^{1,10}

Electrolyte drinks increase water retention by 25% compared with drinking water, assisting workers to avoid dehydration.¹¹

The addition of other ingredients such as Amino Acids will help the body to maintain stamina during prolonged physical activity.

What are Electrolytes?

Electrolytes are naturally occurring essential minerals that control osmosis or movement of water within the body. Electrolytes also help maintain the acid-base balance required for normal cellular activities.

The body depends on electrolytes to perform vital functions by sending electrical signals from the brain to nerves that activate your muscles to perform mechanical functions. Maintaining this electrical capability and voltage output of cellular communication is dependent on electrolytes.

Most bodily functions require electrolytes, especially during neuromuscular processes.

When the body loses fluid and electrolytes, both must be replaced for the body to rehydrate, retain fluid and return to efficient functioning before heat illness sets in.



BLUE LEMONADE



LEMON LIME



WILD BERRY



TROPICAL



ORANGE



Electrolytes and THORZT.

THORZT has been scientifically formulated to meet the hydration needs of a hard working body in extreme working conditions. Replacing measured proportions of electrolytes, essential minerals, carbohydrates, amino-acids and other nutrients, THORZT is designed for sustained hydration.

THORZT is a pleasant tasting, low sugar, caffeine-free, worker-tested drink, that re-establishes the correct electrolyte: fluid balance for optimum worker performance.

A common result of strenuous physical activity is magnesium loss. According to research, a deficiency in magnesium may reduce physical performance and capacity as well as contribute to muscle cramps and weakness. Magnesium has earned a nickname of "The Forgotten Electrolyte" as many so-called "sports drinks" neglect to include Magnesium in their ingredients.

THORZT is different! THORZT has been developed for sustained hydration on site, so Magnesium is an essential ingredient in THORZT included to promote endurance in extreme conditions.

Another ingredient contained in THORZT but overlooked by many "sports drinks" are Amino Acids (isoleucine, leucine, valine and l-glutamine). Branch Chain Amino Acids play an essential role in protein synthesis and muscle building, accounting for over a third of Essential Amino Acids.

The addition of amino acids to carbohydrate-electrolyte drinks like THORZT has been shown to increase fluid retention 15% greater than carbohydrate-electrolyte-only drinks, and 40% greater than water.¹¹

Australia is an extreme climate that is only becoming more extreme. According to the Bureau of Meteorology, there is an upward trend in the mean temperature of the hottest day of the year, increasing by around 1° over the last 100 years.

In Australia and surrounding regions, a workplace heat stress management programme is an essential part of a safe workplace at all times of the year. Studies have shown that workers do not become dehydrated when they are well informed and follow a programmed drinking regime. THORZT is an essential component of any programmed drinking system.

Technically advanced

Hydration drink

Optimal fluid retention

Replenishment instantly

Zest for productivity

Tastes sensational

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All sizes combinations in the THORZT Core Range are available in 5 flavours. Look out for the easily recognisable flavour symbol Codes when purchasing.

- Low in Sugar
- Gluten Free
- Caffeine Free
- Proprietary Electrolyte Formula
- Essential Amino Acids
- Hypotonic



BL
Blue Lemonade



LL
Lemon Lime



TR
Tropical



OR
Orange



WB
Wild Berry

CORE RANGE



CODE:
SS+Flavour

Solo Shot Sold in Solo Shot Packs of 10
26g Solo Shot Sachet - Makes 600ml

CTN QTY: 10 Multi Packs of 10

Add Sachet to a matching THORZT Cooler for the perfect mix and thirst quenching dispenser system.

*5 Fruits mixed pack available - CODE: SSMIX



CODE:
BP4+Flavour

Multi-Shot
175g Sachet - Makes 4L

CTN QTY: 50

Add Sachet to a matching THORZT Cooler for the perfect mix and thirst quenching dispenser system.



CODE:
LC20+Flavour

Shot-Load (Liquid Concentrate)
1.25L Bottle - Makes 20L

CTN QTY: 8

Add bottle to a matching THORZT Cooler for the perfect mix and thirst quenching dispenser system.





Australian Made

All sizes combinations in the THORZT Sugar Free Range are available in 5 flavours. Look out for the easily recognisable flavour symbol Codes when purchasing.

99.9% **Sugar Free**

- 99.9% Sugar Free
- Gluten Free
- Caffeine Free
- Proprietary Electrolyte Formula
- Essential Amino Acids
- Hypotonic



BL
Blue Lemonade



LL
Lemon Lime



TR
Tropical



OR
Orange



WB
Wild Berry

99.9% SUGAR FREE RANGE



CODE:
SSSF+Flavour

Solo Shot Sold in Solo Shot Packs of 50

3g Solo Shot Sachet - Makes 600ml

CTN QTY: 10 Multi Packs of 50

Add Sachet to a matching THORZT Cooler for the perfect mix and thirst quenching dispenser system.

*5 Fruits mixed pack available - CODE: SSSFMIX



CODE:
SFP4+Flavour

Multi-Shot

32g Sachet - Makes 4L

CTN QTY: 50

Add Sachet to a matching THORZT Cooler for the perfect mix and thirst quenching dispenser system.



CODE:
SFLC20+Flavour

Shot-Load

300ml Bottle - Makes 20L

CTN QTY: 8

Add bottle to a matching THORZT Cooler for the perfect mix and thirst quenching dispenser system.



READY TO DRINK



Australian Made

THORZT's Ready To Drink (RTD) formula has been developed to take the hassle out of workplace hydration.

Workers can now hydrate **"on the spot"** and experience the **sustained hydration benefits** of THORZT with no preparation time, contributing to increased workplace productivity.

THORZT RTDs are available in **industrial-sized 750ml bottles** that are ergonomically designed to be easy to grip, which is great when you have an industrial strength thirst and sweat is flowing out of you faster than you can replace it.

Offered in THORZT's five unique, tried and tested flavours, there is an option for every taste palette.



Blue lemonade
CODE: RTDBL



Lemon Lime
CODE: RTDLL



Tropical
CODE: RTDTR



Orange
CODE: RTDOR



Wild Berry
CODE: RTDWB

CTN QTY: 12 Bottles



Look out for the unmistakable THORZT fridge in store



THORZT COOLER RANGE

THORZT coolers and containers are:

- BPA free for safe storage of consumables
- Polyurethane insulation
- Impact resistant exterior



CODE:
DB800

800ml Drink Bottle

- Drink level side window



CODE:
DC02

2 Litre THORZT Cooler

- Convenient Sippa Spout on lid
- High quality drip minimising push button tap



CODE:
DC05B
DC050

5 Litre THORZT Cooler

- Convenient Sippa Spout on lid
- High quality drip minimising push button tap



DC05B

DC050



CODE:
DC20

20 Litre THORZT Cooler

- Fixed handles for superior grip
- Drip minimising screw tap for easy pouring
- Screw top lid



CODE:
DC40

40 Litre THORZT Cooler

- Fixed handles for superior grip
- Drip minimising lever tap for easy pouring



HYDRATION GUIDE

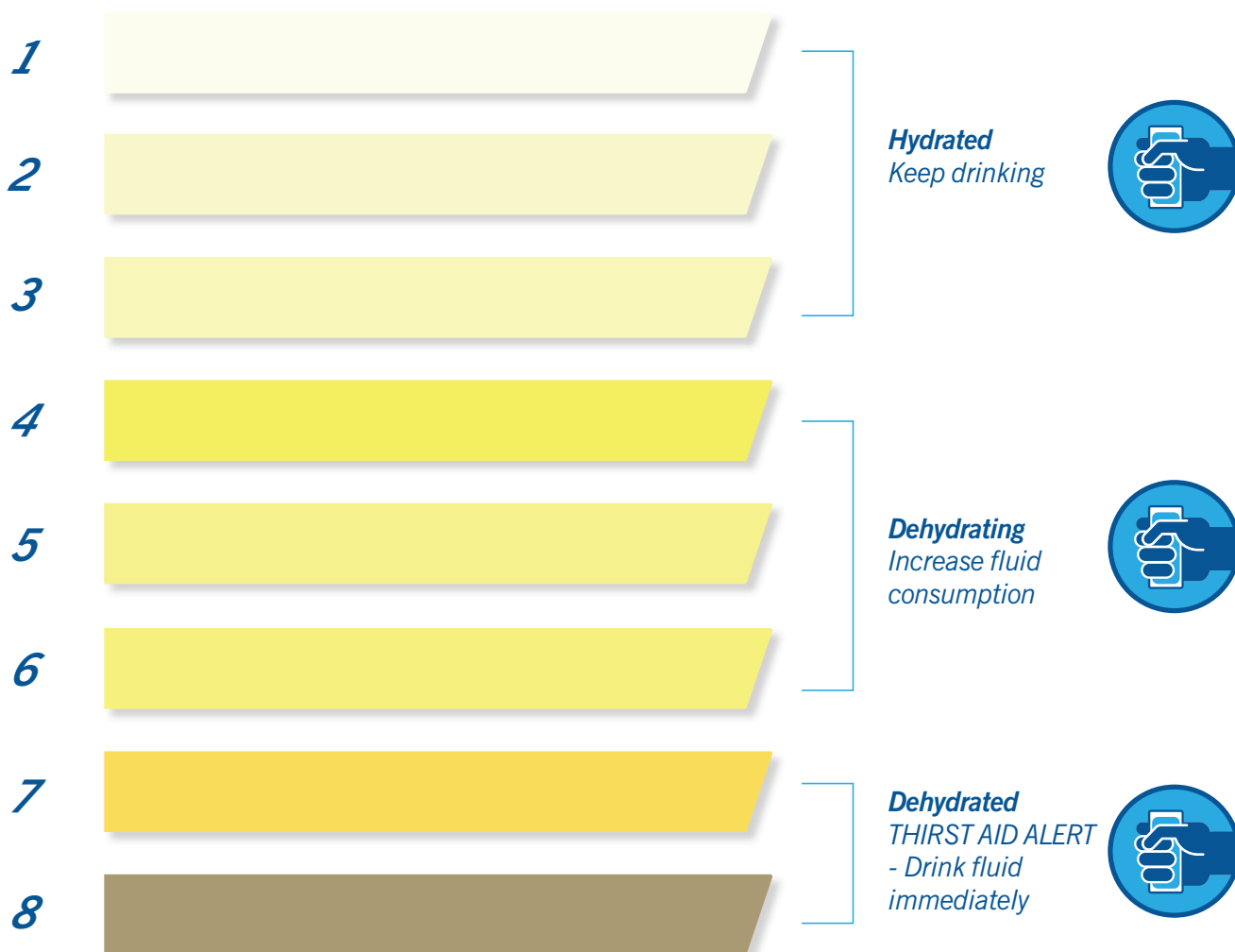
When to hydrate?

THORZT hydrates the body in a fast efficient way to maintain peak performance at all times, but when do you need a THORZT Shot? The number one way to tell whether your body needs rehydrating is assessing the colour of your “number one’s”.

The following chart is a guide, outlining when to hydrate based on the colour of your urine.

If your urine matches the colours numbered 1, 2, or 3 you are hydrated, but keep drinking.

If your urine matches the colours numbered 4 through 8 you are dehydrated and need to drink more fluid.



*Disclaimer: This chart is designed to be a guide only.
Consider seeking medical advice if urine colour falls within 7 - 8 range.
Vitamin supplements, alcohol and certain diets may affect urine colour.*

Over-consumption of water or electrolytes may have a negative effect on the body. Please take into consideration factors such as your BMI, age, activity levels and environment when consuming fluids.

DRINK ACCESSORIES

LIQUID PUMP DISPENSER



PRODUCT CODES:

LPD: Liquid Pump Dispenser

The Thorzt Liquid Pump Dispenser is designed specifically to work with the 1.25L Liquid concentrate bottles and the 800ML Thorzt Drink Bottle as shown to the left.

WALL BRACKET

Encourage electrolyte replacement in the workplace whilst minimising mess with the help of the new THORZT wall bracket.

Designed specifically to house bottles of **THORZT Liquid Concentrate**, the sturdy wire frame is powder coated and equipped with a **removable drip tray** for easy cleaning.

Best used in conjunction with the **THORZT Liquid Pump Dispenser**, the **THORZT Wall** bracket is the must have addition to any workplace hydration station.

PRODUCT CODES:

LWBS: Single Bottle Bracket (Holds 1x Bottle)

LWBD: Double Bottle Bracket (Holds 2x Bottle)

MATERIALS:

Black, powder coated wire frame

SPECIFICATIONS:

Sold Individually

Qty/Carton: 20



THORZT

SUB ZERO GEAR



COOLING APPAREL RANGE

Cooling apparel is designed to assist with Heat Stress prevention by promoting the body's thermoregulation.

In the Australian climate cooling is critical for many industries and has many benefits for worker performance. A cooler body improves the ability to sustain intensive workloads over long periods of time.

Cooler skin contributes to a number of physiological advantages:

- Less cardiac output is directed toward the skin
- A lower core body temperature
- Delay the onset of dehydration



CHILLY VESTS



Australian Made



INNER FABRIC:

MICRON KNIT – 100% Australian Merino Wool for Temperature & Odour Control

Naturally Fire Retardant, Anti-static & Easy Care

OUTER FABRIC:

COOLMESH - This 100% Australian made high performance sport fabric uses a Moisture Management system & Multi-Filament Technology for comfort and durability

COOLING CRYSTALS:

Non-Toxic High Performance Polyacrylate/ Polyalcohol Copolymer

SIZE RANGE:

M - 4XL

PRODUCT CODE:

CV - Navy

CVO - High Vis Orange

COOLING TIES



PRODUCT CODE:

CTRB - Royal Blue

CTB - Black



CHILL SKINZ

PRODUCT CODE:

CSB - Blue



HYDRATION BACKPACKS



MATERIALS:

Bladder: TPV (thermoplastic vulcanite), BPA-Free

Backpack: 600D Polyester

SIZES

2.5L Bladder

Qty/Carton: 20

PRODUCT CODES:

BP25Y: Hydration Backpack 2.5L Hi-Vis Yellow

BP25O: Hydration Backpack 2.5L Hi-Vis Orange

BPB: Replacement Bladder 2.5L

BPRT: Bite Valve & Drinking Tube

Additional Info:

Screen Printing / Embroidery Compatible

**Holds
2.5L**

RETAIL SUPPORT

At the heart of THORZT's business are our customers.

We base our marketing campaigns and strategy on customer feedback promoting the key points that are important to them. THORZT marketing support effectively acts as an additional salesperson, assisting you, the reseller by:

- Enhancing the THORZT brand
- Creating consumer awareness and demand for THORZT products
- Driving organic sales for THORZT
- Enhancing your reputation as a savvy reseller with a commitment to workplace hydration



THORZT believes increased brand recognition and encouraging brand loyalty is the best way to benefit our reseller's network.

THORZT utilises select media channels to broaden brand awareness, increase demand, and drive customer traffic to reseller outlets. THORZT's key media channels include:

- Enhancing the THORZT brand
- Print advertising in trade publications
- Event marketing and tradeshow participation
- Marketing Collateral
- Store signage
- Site hydration reminder signs
- Visual merchandising Support
- Digital and New Media

THORZT

HYDRATE · ENERGISE · PERFORM

THIRST AID STAND

Look out for the unmistakable THORZT Thirst Aid Stand at all good safety outlets and rehydrate with a THORZT shot that suits you!



Drink THORZT to satisfy your Thorzt!

THORZT is an Australian made, scientifically formulated, unique and proprietary blend of Electrolytes, Amino Acids and Magnesium (the forgotten electrolyte) designed to provide sustained hydration in extreme conditions. Available in five great tasting flavours, THORZT is quickly becoming the number one choice for work site hydration, and is at the nucleus of any good Occupational Heat Stress Management programme.

Enhancing Heat Stress Management is our range of coolers, drinking apparatus and THORZT SubZero cooling apparel intended to aid in body temperature control.



CORE RANGE

- Low in Sugar
- Gluten Free
- Caffeine Free
- Proprietary Electrolyte Formula
- Essential Amino Acids
- Hypotonic



99.9% Sugar Free

- 99.9% Sugar Free
- Gluten Free
- Caffeine Free
- Proprietary Electrolyte Formula
- Essential Amino Acids
- Hypotonic

For more information on Occupational Heat Stress Management and THORZT go to

  **THORZT.COM**

Made for Extreme Australian Conditions 

Manufactured for:
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PO Box 731 Balcatta WA 6021
Tel: 1800 THORZT (1800 846 798)
Email: info@thorzt.com

All THORZT powder and liquid concentrates are made in accordance with FSANZ Code (Australia New Zealand Food Standards Code)



Manufactured in a HACCP (Hazard Analysis Critical Control Point) approved facility.

