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## Safety data sheet according to 1907/2006/EC, Article 31 as amended

Version number 1 Revision: 17.11.2023 Printing date 17.11.2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- · 1.1 Product identifier
- · Trade name: Chill Tabz Super Fizz Tablets
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- · Product category PC37 Water treatment chemicals
- · Application of the substance / the mixture Water treatment
- · Uses advised against

Any use carrying a risk of direct contact with eyes/skin where workers are exposed without adequate personal protective equipment (PPE).

Any use involving significant release of aerosol, vapour or dust in the breathing zone of workers where they are exposed without suitable respiratory protective equipment (RPE).

Processes involving extreme heat use advised against.

Processes involving the use of incompatible substances - refer to section 10.

- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Complete Pool Controls Ltd Unit 2, The Park Stoke Orchard

Bishops Cleeve

Gloucestershire **GL52 7RS** 

UK

Tel: +44 (0)1242 662700 (office hours) email: sales@cpc-chemicals.co.uk

- · Further information obtainable from: Product safety department.
- · 1.4 Emergency telephone number:

Members of the public seeking specific information on poisons should contact:

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

## **SECTION 2: Hazards identification**

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H335 May cause respiratory irritation.

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- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

- · Hazard pictograms GHS07, GHS09
- · Signal word Warning
- · Hazard-determining components of labelling:

troclosene sodium

· Hazard statements

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H410 Very toxic to aquatic life with long lasting effects.

· Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear eye protection / face protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· Additional information:

EUH031 Contact with acids liberates toxic gas.

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

### **SECTION 3: Composition/information on ingredients**

- · 3.2 Chemical characterisation: Mixtures
- · Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 2893-78-9	troclosene sodium	25 - 50%
EINECS: 220-767-7	🕲 Ox. Sol. 2, H272; 🥸 Aquatic Acute 1, H400; Aquatic	
Reg.nr.: 01-2119489371-33-XXXX	Chronic 1, H410; Acute Tox. 4, H302; Eye Irrit. 2, H319;	
_	STOT SE 3, H335	
	Note: G	
	Specific concentration limit: STOT SE 3; H335: C ≥ 10 %	
	EUH031: C ≥ 10 %	
CAS: 124-04-9	Adipic acid	10 – 25%
EINECS: 204-673-3	(1) Eye Irrit. 2, H319	
Reg.nr.: 01-2119457561-38-XXXX		

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· Additional information: For the wording of the listed hazard phrases refer to section 16.

### **SECTION 4: First aid measures**

- · 4.1 Description of first aid measures
- · General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

In case of inhalation:

- Provide fresh air.
- In case of breathing difficulties administer oxygen.
- No mouth-to-mouth or mouth-to-nose resuscitation. Use respiratory bag or oxygen resuscitation apparatus.
- Do not leave patient unattended.
- · After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· After eye contact:

Check for and remove any contact lenses.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Wash mouth out with water

Do not induce vomiting; call for medical help immediately.

If vomiting occurs spontaneously, keep airway clear. Drink more water when vomiting stops. Seek medical attention immediately

- · Information for doctor: Treat symptomatically and supportively.
- · 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## **SECTION 5: Firefighting measures**

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

Alcohol resistant foam

Carbon dioxide

Water spray

Use fire extinguishing methods suitable to surrounding conditions.

· For safety reasons unsuitable extinguishing agents:

ABC powder

Water with full jet

· 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Nitrogen oxides (NOx)

Hydrogen chloride (HCl)

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Product is not classified as oxidizing. However, it enhances combustion of other substances.

### · 5.3 Advice for firefighters

### · Protective equipment:

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

Wear fully protective suit.

#### · Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

### **SECTION 6: Accidental release measures**

### · 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Avoid formation of dust.

Use respiratory protective device against the effects of fumes/dust/aerosol.

#### · 6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

### · 6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

Do not use combustible materials such as paper towels to clean up spills.

Ensure adequate ventilation.

### · 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## **SECTION 7: Handling and storage**

#### · 7.1 Precautions for safe handling

Avoid contact with clothing and other combustible materials.

Avoid direct contact (skin/eye contact, ingestion and/or inhalation of fume/mist/dust) with the product in the undiluted form.

Ensure good ventilation/exhaustion at the workplace.

Do not mix with acids.

Safety showers and eye wash facilities should be available at the work area.

Rinse contaminated clothing with plenty of water (Fire hazard)

Prevent formation of dust.

### · Handling:

Do not mix with other products.

Prevent formation of dust.

#### · Information about fire - and explosion protection:

Can decompose explosively when heated.

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Substance/product can reduce the ignition temperature of flammable substances.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.
- · Information about storage in one common storage facility:

Do not store together with acids.

Store away from flammable substances.

Store away from foodstuffs.

Store away from oxidising agents.

Store away from reducing agents.

· Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

- · Storage class: 11
- · 7.3 Specific end use(s) No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- · 8.1 Control parameters
- · Additional information about design of technical facilities: No further data; see section 7.
- $\cdot$  Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

2893-78-9	troclosene sodium	
Oral	DNEL Long-term systemic effe	ects 1.15 mg/kg bw/day (general population)
Dermal	DNEL Long-term systemic effe	ects 1.15 mg/kg bw/day (general population)
		2.3 mg/kg bw/day (worker)
Inhalative	DNEL Long-term systemic effort	ects 1.99 mg/m³ (general population)
		8.11 mg/m³ (worker)
<b>124-04-9</b> A	Adipic acid	
Oral	DNEL Long-term systemic effe	ects 7.5 mg/kg bw/day (general population)
Dermal	DNEL Long-term systemic effort	ects 7.5 mg/kg bw/day (general population)
		21 mg/kg bw/day (worker)
Inhalative	DNEL Long-term systemic effort	ects 13 mg/m³ (general population)
		74.1 mg/m³ (worker)
PNECs	·	
2893-78-9	troclosene sodium	
PNEC Freshwater 1		170 ng/L
PNEC Freshwater - Intermittent releases 1.7		1.7 μg/L
PNEC Marine water 1.53		1.52 mg/L
PNEC Sewage Treatment Plant 590		

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PNEC Sediment (freshwater)	7.56 mg/kg	
PNEC Soil	756 μg/kg	
124-04-9 Adipic acid		
PNEC Freshwater	126 μg/L	
PNEC Freshwater - Intermittent releases	460 μg/L	
PNEC Marine water	12.6 μg/L	
PNEC Sediment (freshwater)	474 μg/kg	
PNEC Sediment (marine water)	47.4 μg/kg	
PNEC Soil	20.8 μg/kg	

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Do not breathe dust

A safe system of work must be formulated and followed to ensure safe working with this product. Relevant workers must receive suitable and sufficient training and supervision.

Depending on the degree of exposure, periodic medical examination is suggested.

Do not eat, drink, smoke or sniff while working.

Contaminated clothes are a fire hazard. Rinse with plenty of water.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Ensure that eyewash stations and safety showers are close to the workstation location.

#### · Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

#### · Protection of hands:



Protective gloves.

Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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### · Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Safety glasses with side-shields conforming to EN166.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

· Body protection:



Protective work clothing

Body protection must be chosen depending on product properties, activity and possible exposure.

· Limitation and supervision of exposure into the environment

Do not allow to enter drains, sewers or watercourses.

	<b>.</b>			
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SECTION 9: 1				

· 9.1 Information on basic physical and chemical properties · General Information		
· Appearance:		
Form:	Tablets	
Colour:	White	
· Odour:	Chlorine-like	
· Odour threshold:	Not determined.	
$\cdot$ pH-value (50 g/l) at 20 °C:	5-6	
<ul> <li>Change in condition         Melting point/freezing point:         Initial boiling point and boiling range     </li> </ul>	Undetermined. : 265 °C	
· Flash point:	Not applicable.	
· Flammability (solid, gas):	Not determined.	
· Auto-ignition temperature:	420 °C	
· Decomposition temperature:	Not determined.	
· Ignition temperature:	Product is not self-igniting.	
· Explosive properties:	Product does not present an explosion hazard.	
· Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
· Vapour pressure at 159 °C:	1.3 hPa	

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· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
water:	Soluble.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· 9.2 Other information	No further relevant information available.

## **SECTION 10: Stability and reactivity**

- · 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions

Reacts with acids releasing chlorine.

Reacts with ammonia, releasing chlorine.

- · 10.4 Conditions to avoid Heat and static discharge.
- · 10.5 Incompatible materials:

Ammonia

Acids

Organic materials

Reducing agents.

Strong oxidising agents.

Nitrogen compounds

Strong bases.

Cationic surfactants

· 10.6 Hazardous decomposition products:

Hydrogen chloride (HCl)

Nitrogen oxides (NOx)

## **SECTION 11: Toxicological information**

- · 11.1 Information on toxicological effects
- · Acute toxicity Based on available data, the classification criteria are not met.
- · LD/LC50 values relevant for classification:

**ATE (Acute Toxicity Estimates)** 

Oral LD50 3,111.1 mg/kg (rat)

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2893-78	2893-78-9 troclosene sodium		
Oral	LD50	1,400 mg/kg (rat)	
124-04-	124-04-9 Adipic acid		
Oral	LD50	> 2,000 mg/kg (rat)	
Dermal	LD50	> 2,000 mg/kg (rabbit)	

- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation

Causes serious eye irritation.

- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Subacute to chronic toxicity: Prolonged or repeated skin contact may irritate and cause dermatitis.
- · Additional toxicological information:

ROUTES OF EXPOSURE: The component substances can variously be absorbed into the body by inhalation, through the skin and by ingestion.

INHALATION RISK: A harmful concentration of airborne particles can be reached quickly especially if powdered.

· Acute effects (acute toxicity, irritation and corrosivity)

EFFECTS OF SHORT-TERM EXPOSURE: The substance irritates the eyes, the skin and the respiratory tract. Corrosive on ingestion.

- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure

May cause respiratory irritation.

- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.

## **SECTION 12: Ecological information**

- · 12.1 Toxicity
- · Aquatic toxicity:

## 124-04-9 Adipic acid

EC50 (96 h) 85 mg/l (Bacteria)

- 12.2 Persistence and degradability The organic portion of the product is biodegradable.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- · Ecotoxical effects:
- · Remark: Very toxic for fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

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Very toxic for aquatic organisms

- · 12.5 Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.

### **SECTION 13: Disposal considerations**

- · 13.1 Waste treatment methods
- · Recommendation

Recommended Hierarchy of Controls:

- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

- · Uncleaned packaging:
- · Recommendation:

Container remains hazardous when empty. Continue to observe all precautions.

Do not mix with other waste streams.

Disposal must be made according to official regulations.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

This product is a registered pesticide.

Dispose in accordance with all applicable regulations.

Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor.

DO NOT transport wet or damp material. Damp material should be neutralized to a safe state.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

· 14.1 UN-Number		
ADR/RID/ADN, IMDG, IATA	UN3077	
14.2 UN proper shipping name		
· ADR/RID/ADN	UN3077 ENVIRONMENTALLY HAZARDOU	
	SUBSTANCE, SOLID, N.O.S	
	(DICHLOROISOCYANURIC ACID)	
· IMDG, IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCI	
,	SOLID, N.O.S. (DICHLOROISOCYANURIC ACID)	



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(Contd. of page 10) · 14.3 Transport hazard class(es) · ADR/RID/ADN, IATA · Class 9 Miscellaneous dangerous substances and articles. · Label · IMDG · Class 9 Miscellaneous dangerous substances and articles. · Label · 14.4 Packing group · ADR/RID/ADN, IMDG, IATA Ш · 14.5 Environmental hazards: · Special marking (ADR/RID/ADN): Symbol (fish and tree) · Special marking (IATA): Symbol (fish and tree) · 14.6 Special precautions for user Warning: Miscellaneous dangerous substances and articles. · Hazard identification number (Kemler code): 90 · EMS Number: F-A,S-F · Stowage Category · Stowage Code SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9. · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable. · Transport/Additional information: Amounts up to 5kg or 5L per single or inner package are not regulated according to ADR/RID SP 375, IMDG 2.10.2.7 and IATA SP A197. DO NOT transport wet or damp product. · ADR/RID/ADN · Limited quantities (LQ) 5 kg Code: E1 · Excepted quantities (EQ) Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g 3 · Transport category · Tunnel restriction code (-) (Contd. on page 12)



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· IMDG	
· Limited quantities (LQ)	5 kg
· Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 g
	Maximum net quantity per outer packaging: 1000 g
· UN "Model Regulation":	UN 3077 ENVIRONMENTALLY HAZARDOUS
_	SUBSTANCE, SOLID, N.O.S
	(DICHLOROISOCYANURIC ACID), 9, III

### **SECTION 15: Regulatory information**

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Poisons Act
- · Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category E1
- Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Training hints

This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

- · Department issuing SDS: Product safety department.
- · Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Ox. Sol. 2: Oxidizing solids – Category 2 Acute Tox. 4: Acute toxicity – Category 4

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1

\* Data compared to the previous version altered.