

Safety Data Sheet

TiCleanZ™ All-in-One Concentrate Cleaner

According to OSHA HazCom 2012

Date of issue: 01-August-2025 Version 1.0



Section 1 - Product and Company Identification

1.1 Product identifier

Amazon Listing Title: TiCleanZ™ All-in-One Concentrate Cleaner
Physical State: Liquid
Product Form: Concentrate
Others Name of Identification/Synonyms: Hydrogen Peroxide Based Super Concentrate

1.2 Recommended use and restrictions on use

Relevant uses Surface Cleaner - Industrial Use Only

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

Name: TICOAT, INC.
Address: 449 Boston Post Rd, Unit B, North Windham, CT 06256
Email: contactus@ticoat.com
Telephone: +1 (833) 484-2628

1.4 Emergency telephone number:

Emergency telephone number: ChemTel LLC
+1 (800) 255-3924 (North America)
+1 (813) 248-0585 (International)

Section 2 - Hazards Identification

2.1. Classification of the substance or mixture

GHS Hazard classification/statements according to [29 CFR 1910.1200](#) (OSHA):

Eye Irritation, Category 2B: H320 – Causes eye irritation

2.2. Label elements

GHS Label Elements according to [29 CFR 1910.1200](#) (OSHA):

Hazard pictograms:



Signal word: Warning!

GHS Precautionary Statements according to [29 CFR 1910.1200](#) (OSHA):

P264 – Wash hands thoroughly after handling.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

Section 3 - Composition / Information on Ingredients

3.1. Mixtures

Name	CAS Number	Conc. (%)	GHS Classification
Hydrogen Peroxide	7722-84-1	<8%	Eye Irr. 2B
Biodegradable Surfactants	Proprietary	<17%	Not Classified
Water	7732-18-5	>75%	Not Classified

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*Full text of Hazard Statements: see section 16

Section 4 - First Aid Measures

4.1. Description of first aid measures

First-aid General:

Show this safety data sheet to the doctor in attendance. Get immediate medical advice/attention.

First-aid after eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

First-aid after inhalation:

Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

First-aid after skin contact:

Wash off immediately with plenty of water. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms occur.

First-aid after swallowing:

Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

4.2. Most important symptoms and effects:

See Section 11 for more detailed information on health effects and symptoms..

4.3. Immediate medical attention and special treatment if needed

Treat symptomatically.

Section 5 - Fire Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Not Available

5.2. Specific hazards developing from the chemical

Not flammable or combustible.

5.3. Special protective equipment and precautions for firefighters

In case of fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Precautions for firefighters:

Do not attempt to take action without suitable protective equipment.

Fire-fighting equipment/instructions:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section 6 - Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not get into eyes. Avoid inhalation, ingestion and contact with skin. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

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6.2. Environmental precautions

Do not allow contact with soil, surface or ground water.

6.3. Methods and material for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

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

Do not ingest. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). Do not mix with bleach or other chlorinated products – will cause chlorine gas.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from strong bases. Keep out of reach of children. Store in suitable labeled containers.

7.3. Specific end use(s)

Use as directed.

Section 8 - Exposure Controls / Personal Protection

8.1. Control parameters

Occupational exposure limits:

Components	CAS Number	ACGIH TLV	OSHA PEL	NIOSH
Hydrogen Peroxide	7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m ³	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m ³

8.2 Exposure controls

Appropriate engineering controls:

Provide good general ventilation. If work practices generate fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

8.3. Individual protection measures/Personal protective equipment

Eye/face protection:

Wear eye protection and/or face protection.

Hand protection:

Wear rubber or other chemical-resistant gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin and body protection:

Personal protective equipment comprising: suitable protective gloves, safety eyewear and protective clothing.

Respiratory protection:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

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Personal protective equipment symbol(s):



Section 9 - Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	:	Clear, Transparent liquid
Physical state	:	Liquid
Colour	:	Clear (Transparent)
Odor	:	Pleasant, Not determined
pH	:	3.5 – 4.5
Relative evaporation rate	:	No Data Available
Melting point	:	No Data Available
Freezing point	:	No Data Available
Boiling point	:	100 °C / 212 °F
Flash point	:	> 100 °C / 212 °F
Evaporation rate	:	No Data Available
Auto-ignition temperature	:	No Data Available
Decomposition temperature	:	No Data Available
Vapor pressure	:	No Data Available
Relative density	:	1.045
Solubility	:	Fully miscible in water
Viscosity, kinematic	:	No Data Available
Explosive properties:	:	No Explosion Hazard
Lower explosive limit (LEL)	:	Not Applicable
Upper explosive limit (UEL)	:	Not Applicable
Flammability	:	Not Flammable

9.2 Other information

VOC content	:	No Data Available
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Section 10 - Stability and Reactivity

10.1 Reactivity

None under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Do not mix with bleach or other chlorinated products – will cause chlorine gas. Hazardous polymerization will not occur.

10.4 Conditions to avoid

Avoid extremes of temperatures (heat and frost) and direct sunlight.

10.5 Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6 Hazardous decomposition products

None under normal conditions of use.

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Section 11 - Toxicological Information

Toxicology data for the components/mixture:

Not classified.

Acute toxicity (oral):

Not classified.

Acute toxicity (dermal):

Not classified.

Acute toxicity (inhalation):

Not classified.

Skin corrosion/irritation:

Not classified.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitization:

Not classified.

Germ cell mutagenicity:

Not Classified

Carcinogenicity:

Not Classified

Reproductive toxicity:

Not Classified.

STOT-single exposure:

Not Classified.

STOT-repeated exposure:

Eye irritation. Redness.

Aspiration hazard:

Not Classified.

Section 12 - Ecological Information

12.1 Toxicity

Ecotoxicity data for the components/mixture

This product has no known ecotoxicological effects.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

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12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Avoid release to the environment.

Section 13 - Disposal Considerations

13.1. Waste treatment methods

Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Contaminated packaging

Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re use empty containers. Dispose of in accordance with local, state, and federal regulations.

Section 14 - Transport Information

14.1 UN number:

Not dangerous goods.

14.2 UN proper shipping name:

Not dangerous goods.

14.3 Transport hazard class(es):

Not dangerous goods.

14.4 Packaging group:

Not dangerous goods.

14.5 Environmental hazards:

Not dangerous goods.

14.6 Special precautions for user:

Not dangerous goods.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA Inventory Status: All ingredients are listed on the TSCA active inventory.

DSL/NDL: All ingredients are listed on DSL inventory.

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Massachusetts: Toxic or Hazardous Substance List, Right to Know: Listed

New Jersey: Right to Know Hazardous Substance List: Listed

Pennsylvania: Hazardous Substance List: Listed

SARA 304: Listed

SARA 311/312: Acute Health Hazard

SARA 313: Not Listed

WHMIS Canada: Listed

15.2 Chemical safety assessment

Chemical Safety Assessment has not been carried out for this product.

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Section 16 - Other Information

Full text of H-statements:

H320 – Causes eye irritation

Abbreviations and acronyms:

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC50	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
IC50	Concentration causing 50% blockade
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PNEC	Predicted no-effect concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	Very Persistent and very Bioaccumulative
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	United Nations; Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
WGK	Water Hazard Class
CWA	Clean Air Act
SARA	Superfund Amendments and Reauthorization Act
CAA	Clean Air Act
STOT RE	Specific Target Organ Toxicity - Repeated Exposure
STOT SE	Specific Target Organ Toxicity - Single Exposure
log Kow	Octanol-water partition coefficient

Statement:

The information in this safety data sheet is to the best of our current knowledge true and accurate. It does not represent any guarantee of the properties, data, instructions, recommendations and/or suggestions of the product.

The Employer and User should make their own responsibility for investigations to determine the suitability of the information for their particular purposes. The Company and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.