

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **VoluCheck 1K, VoluCheck 10K, VoluCheck 100K**

PYXIS LAB, INC.
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Lafayette CO, 80026, USA

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Telephone: 866-203-8397

CAS Number: 59572-10-0

Emergency Phone Number

CHEMTREC
1-800-262-8200

2. HAZARDS IDENTIFICATION

GHS Ratings:

Skin corrosive 2 Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation
Eye corrosive 2A Eye irritant: Subcategory 2A, Reversible in 21 days.

GSH Hazards

H303 May be harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation

GSH Precautions

P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective Clothing/ eye protection/ face protection.
P312 Call a POISON CENTER or doctor/ Physician, if you feel unwell.
P321 Specific treatment (see first aid instructions on SDS).
P362 Take off contaminated clothing and wash before reuse.
P302+P352 IF ON SKIN: Wash with soap and water.
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P332+P313 Get medical advice/ attention

Signal Word: Warning



3. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS Number	Molecular Weight	Concentration
PTSA	59572-10-0	610.43	10%
Water	7732-18-5	18.01	90%

4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air and keep a rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Eye Contact:

Rinse the eye with water immediately. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention promptly if symptoms occur after washing.

Skin Contact:

Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Ingestion:

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Notes to Physician:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash Point: N/A

LEL:

UEL:

Flammability of the Product:

Not Flammable.

Extinguishing Media:

Foam, Dry powder, Water spray, Carbon dioxide (CO₂)

Special hazards arising from the substance or mixture:

Carbon oxides, Sulfur oxides, Sodium oxides

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors.

Fire Fighting Methods:

Standard procedure for chemical fires. Cool containers / tanks with water spray.

Special protective equipment for fire-fighters:

In the event of fire, wear self-contained breathing apparatus. Splash-proof protective suit.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions:**

Avoid contact with skin and eyes. Wear personal protective equipment (see section 8).

Environmental precautions:

Should not be released into the environment. Stop the leakage if possible.

Methods for cleaning up:

In case of large spillage, contain and collect into suitable containers for disposal. Must be disposed of in accordance with local and national regulations. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE**Handling:**

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Wear appropriate personal protective equipment when handling this product. Do not get in eyes or on skin.

Storage:

Store at room temperature in the original container. Keep tightly closed. Avoid freezing.

Materials for packaging:

Suitable material: original container, plastic (PE, PP, PVC), Stainless steel.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Chemical Name	CAS Number	OSHA Exposure Limits	ACGIH Exposure Limits
PTSA 10%	59572-10-0	NO DATA	NO DATA

Engineering Controls:

Ensure adequate ventilation.

Occupational exposure controls:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Wash hands before breaks and immediately after handling the product.

Control of environmental exposure:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Respiratory protection:

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection:

Glove material: Nitrile rubber disposable gloves.

Eye protection:

Safety glasses with side-shields. Maintain eyewash fountain in work area.

Skin and body protection:

Impervious clothing. Maintain safety shower in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor: Mild	Vapor Pressure: ND
Odor threshold: ND	Melting point: ND
Freezing Point: <32 F	Solubility: Complete in water
Boiling range: ND	Flash point: ND
Evaporation Limits: Similar to Water	Flammability: ND
Explosive Limits: ND	Partition coefficient (n-octanol/ water): ND
Autoignition temperature: ND	Decomposition temperature: ND
Specific Gravity: 1.05-1.12	Grams VOC less water: ND
Vapor Density: ND	pH: 6.5-8.5
Appearance: Amber Liquid	

10. STABILITY AND REACTIVITY

Chemical stability:

Stable under recommended storage conditions.

Incompatibility materials:

Oxidizing agents, Acids, Bases

Hazardous reactions:

Hazardous polymerisation does not occur.

Hazardous decomposition products:

Thermal decomposition can lead to release of irritating gases and vapors.

11. TOXICOLOGICAL INFORMATION

NO DATA

