

1. IDENTIFICATION

Product Identifier

Product Name ACCUTREAT 945
Chemical Name Alkaline scale inhibitor solution

Recommended use of the chemical and restrictions on use

Recommended use Boiler water treatment
Restrictions on use For industrial use only

Supplier details

West Penetone Inc. 11411-160 Street
Edmonton, AB,
T5M3T7
Tel: 780-454-3919

Emergency Telephone Number

(780) 454-3919 (Mon – Fri, 8 AM – 4:30 PM, Mountain time)
CANUTEC 1-613-996-6666 Internationally or 1-888-226-8832 – North America FOR 24 HOUR TRANSPORT EMERGENCY

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

Label Elements**WARNING****Hazard Statements**

Causes serious eye irritation.
Causes skin irritation.

**Precautionary Statements - Prevention**

Wear protective gloves, protective clothing, and eye protection or face protection. Wash hands thoroughly after handling.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF eye irritation persists: Get medical advice/attention.

IF ON SKIN, rinse with water. IF SKIN irritation occurs: Get medical advice/attention.

Precautionary Statements - Storage

Not applicable.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight %
Sodium tripolyphosphate	7758-29-4	3 – 7*

*Actual concentration is withheld as a trade secret

4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting unless directed by medical personnel. Rinse mouth with water and drink 1 or 2 glasses of water and call a POISON CENTER or doctor/physician.
Skin contact:	Take off contaminated clothing and rinse skin with plenty of water. If skin irritation occurs, get medical advice/attention. Wash any contaminated clothing before re-use.
Inhalation:	If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

Most important symptoms and effects, both acute and delayed.

Contact with eyes may cause serious irritation leading to discomfort or pain, redness, swelling, and blurred vision. Contact with skin may cause irritation with local redness.

Indication of any immediate medical attention and special treatment needed.

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

None.

Specific hazards arising from the chemical.

During fire, gases hazardous to health may be formed including oxides of carbon, nitrogen, and sulfur and other irritating gases.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment.

Environmental Precautions

Avoid discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up.

Contain and solidify with inert absorbent materials. Keep in suitable, closed containers for disposal. Following product recovery, flush area with water. For large spills, stop flow of material, prevent product from entering drains, and pump off product where this is without risk and possible. Proceed as above.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage: Store away from incompatible materials. Keep from freezing

Incompatible Materials: Strong oxidizing agents, acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Appropriate engineering controls

Engineering Controls: Under the intended modes of use, exposure control measures are not required.

Individual protection measures, such as personal protective equipment

Eye/face Protection: Safety glasses with side shields or goggles. Use a face-shield where mode of handling increases risk of splashing.

Skin and body protection: Wear protective gloves and protective clothing.

Respiratory Protection: Wear respiratory protection if ventilation is inadequate.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

<p>APPEARANCE: Colorless liquid</p> <p>ODOR: none</p> <p>ODOR THRESHOLD: Not applicable</p> <p>pH: 10.0– 11.0 (10% v/v solution in water)</p> <p>MELTING POINT / FREEZING POINT: < 0°C</p> <p>BOILING POINT/BOILING RANGE: Approx 100°C</p> <p>FLASH POINT: None</p> <p>EVAPORATION RATE, water = 1 1</p> <p>FLAMMABILITY (SOLID, GAS): Not applicable</p>	<p>VAPOR PRESSURE, mm Hg AT 20°C: Not available</p> <p>VAPOR DENSITY (Air = 1): Not available</p> <p>RELATIVE DENSITY AT 20°C: 1.070 - 1.090</p> <p>SOLUBILITY IN WATER: Complete</p> <p>PARTITION COEFFICIENT, N-OCTANOL/WATER: Not available</p> <p>AUTO-IGNITION TEMPERATURE: None</p> <p>DECOMPOSITION TEMPERATURE: Not available</p> <p>VISCOSITY: Not available</p> <p>FLAMMABLE LIMITS: UPPER: Not applicable LOWER: Not applicable</p>
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10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of storage and use.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid

Store away from incompatible materials. Keep from freezing.

Incompatible Materials

Strong oxidizing agents, acids

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition can lead to release of irritating gases and vapors.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

ATE_{mix} – LD50 oral – < 5000 mg/kg, LD50 dermal – < 5000 mg/kg, LC50 inhalation - not available

Not classified, not an acutely toxic mixture.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium triphosphate CAS 7758-29-4	3120 mg/kg (rat)	>7940 mg/kg (rat)	Not listed

Information on likely sources of exposure

Ingestion	Can cause irritation to the mouth and throat if ingested. May cause nausea, vomiting or diarrhea.
Skin corrosion/irritation	Can cause skin irritation.
Inhalation	Inhaling mists can cause irritation to the respiratory tract
Serious eye damage/irritation	Can cause serious irritation.

Delayed and immediate effects and chronic effects from short and long-term exposure

Respiratory or skin sensitization	None known.
Germ cell mutagenicity	None known.
Carcinogenicity	None known.
Reproductive toxicity	None known.
STOT - single exposure	None known.
Aspiration Hazard	None known.

Symptoms related to the physical, chemical and toxicological characteristics.

Eye irritation, skin irritation.

12. ECOLOGICAL INFORMATION**Persistence and degradability**

No information available

Bioaccumulative potential

No information available.

Mobility in soil

No information available

Other adverse effects

Do not release untreated into natural waters.

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

Not regulated.

15. REGULATORY INFORMATION**Canada (DSL/NDSL)**

All ingredients contained in this product are in compliance with the Canadian Environmental Protection Act and are listed on the DSL or are exempt.

United States (TSCA)

All ingredients contained in this product are listed on the TSCA inventory or are exempt.

16. OTHER INFORMATION**Preparation Date**

June 7, 2023

Revision Date

September 27, 2023

Revision Note

Information updated

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet