



Presto X-Ray Fixer



SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF SUPPLIER

Product Identifier: Presto Instant Chairside X-Ray System Fixer
Product Form: Liquid
Other means of identification: 60028
Product Use: X-ray fixer for chairside systems

Supplier Details: maxill inc.
 80 Elm St.
 St. Thomas, ON
 Canada, N5R 6C8

Emergency Contact: maxill inc. 519-631-7370, CANUTEC: 613.996.6666, ChemTel: 1-800-255-3924

2. HAZARDS IDENTIFICATION

GHS Classification for mixture: Eye irritation – Category 2A
 Skin corrosion – Category 2

GHS Label Elements:



Signal Word: Warning
Hazard Statements: Causes serious eye irritation
 Causes skin irritation
Precautionary Statements: Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection
Response: IF ON SKIN: Wash with plenty of water. Specific treatment (see information on this label). If skin irritation or a rash occurs: Get medical advice/attention
 Take off contaminated clothing and wash it before reuse.
 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
Storage: Store locked up
Disposal: Dispose of contents/container in accordance with local /regional /national /international regulations
Hazards not otherwise classified: None known.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% (w/v)
Ammonium thiosulfate	(CAS) 7783-18-8	10 – 30
Sodium thiosulfate	(CAS) 7772-98-7	1 – 5
Sodium sulfite	(CAS) 7757-83-7	1 – 5
Acetic acid	(CAS) 64-19-7	1 – 5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.



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are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

Description of First Aid Measures

Inhalation: Take affected persons into fresh air and keep quiet. Call a doctor immediately.

Skin Contact: Remove contaminated clothing and wash before reuse. If skin irritation continues, consult a doctor.

Eye Contact: Immediately flush with clean, low-pressure water for several minutes. Hold eyelids open to ensure adequate flushing. Remove contact lenses if present and easy to do. Seek medical attention if symptoms persist.

Ingestion: Do not induce vomiting unless instructed by a physician. If swallowed, call a physician immediately. Rinse out mouth and then drink plenty of water.

Most important symptoms/effects, acute and delayed

No information available

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician: No information available

See toxicological information (Section 11)

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: As needed to extinguish fire source.

Special Hazards Arising from the Substance or Mixture

Formation of toxic gases is possible during heating or in case of fire.

Further Information: Not applicable

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

If permissible, flush to sewer with plenty of water. Alternatively, soak up with dry absorbent material and consult with regulatory agencies for appropriate disposal instructions.

Environmental precautions: Not applicable



7. HANDLING AND STORAGE

Precautions for Safe Handling

General Procedures: Avoid direct contact with the substance (solid / liquid / vapor). Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Check container for defect or leakage before handling. Protect against physical damage. Keep container tightly closed. Wash Hands thoroughly after handling. Report immediately if physical damage, leakage, or spillage occurs. Eye wash stations and showers are recommended in areas where product is stored in large quantities. For small volume use, ensure there is a sink nearby which employees can use to flush their eyes and skin appropriately in the event of accidental exposure.

Storage: Store in cool, dry conditions in well-sealed original container.

Incompatible Materials: No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls - Product

Occupational exposure limits

No information available

Biological occupational exposure limits

No available data

Appropriate Exposure controls

Engineering Measures:

Eye wash stations should be easily accessible to areas where product is stored, handled, or used. For small volume use, ensure there is a sink nearby which employees can use to flush their eyes and skin appropriately in the event of accidental exposure. Provide adequate general and local exhaust ventilation.

Respiratory protection:

Not normally required.

Hand protection:

Handle with protective impermeable gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection:

Wear tightly sealed goggles.

Skin and body protection:

Wear appropriate chemical resistant clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures:

Do not eat, drink, or smoke while working. Be sure to clean skin thoroughly after work and before breaks. Keep away from foodstuffs, beverages and feed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state)	Liquid.
Colour	Clear to very pale yellow
Odor	Ammonium thiosulfate, acetic acid
Initial boiling point	> 100°C
Freezing point	< 0°C
Flash point	Not applicable
Upper / Lower flammability or explosive limits	Not applicable



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Vapor pressure	> 24 mmHg
Vapor density	0.6 (air = 1)
Specific gravity	1.100
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not applicable
Solubility(ies)	Not available
pH	5.15

10. STABILITY AND REACTIVITY

Reactivity:	No available data
Chemical Stability:	No decomposition if used and stored according to specifications.
Conditions to Avoid:	Direct sunlight. Fire. Heat.
Incompatible Materials:	Strong reducing agents and strong bases.
Hazardous Decomposition Products:	Sulfur dioxide and ammonia.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Component

Acute Toxicity:

Ingredient name	LD ₅₀ Oral	Species	LD ₅₀ Dermal	Species	LC ₅₀ Inhalation	Species
Ammonium thiosulfate	2890 mg/kg 21000 mg/kg 1098 mg/kg	Rat Mouse Guinea pig	-	-	>2.26 g/m ³ (4h) >1.8 g/m ³ (4h)	Rat Mouse
Sodium thiosulfate	3560 mg/kg	Rat	-	-	-	-
Sodium sulfite	>5000 mg/kg	Rat	-	-	-	-
Acetic acid	3310 mg/kg	Rat	-	-	-	-

Information on toxicological Effects – Product

No available data for this section

Irritation/Corrosion Information for Component

No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity information for product:	No available data
Ecotoxicity information for Components:	No available data
Persistence and degradability:	No available data
Bio-accumulative potential:	No available data
Mobility in soil:	No available data
Other adverse effects:	No available data

13. DISPOSAL CONSIDERATIONS



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Disposal Recommendations: Must be specially treated adhering to official regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Avoid release to the environment.

Packaging Disposal: Disposal must be completed according to official regulations.

14. TRANSPORT INFORMATION

Not regulated for transportation

Special precautions for user: none

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations for Product

Not a controlled product under Canadian WHMIS regulation

16. OTHER INFORMATION: INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

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