Official Safety Data Sheet (SDS)

1. Product and Company Identification

Product Identifier

Trade Name: Rapid Access Film Fixer Concentrate

Item Number(s): FIX

Relevant Identified Uses of the Substance or Mixture:

Film fixing solution for use with Rapid Access Films.

Restrictions on Use: **For Industrial Use Only**

Manufacturer/Supplier:

Applied Chemistries, Inc.
270 Main St. Unit D
Agawam, MA 01001
(877) 847-6236

- **FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT: Applied Chemistries, Inc. (877-847-6236)**

2. Hazards(s) Identification

GHS Classification and Label Elements of the Product

Hazard Pictograms:

Signal Word: **WARNING**

Hazard Category	Signal Word	Hazard Statement
2	Warning	H315: **Causes skin irritation.**
2A	Warning	H319: **Causes serious eye irritation.**
3	Warning	H335: **May cause respiratory irritation.**
4	Warning	H302: **Harmful if swallowed.**

Precautionary Statements	
Prevention	**Response**
P264: Wash hands thoroughly after handling. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P270: Do not eat, drink or smoke when using this product. P271: Use only in a well-ventilated area. P280: Wear eye protection/face protection/protective gloves.	P302+P352 **IF ON SKIN:** Wash with plenty of soap and water. P332+315: **If skin irritation occurs:** get medical advice/attention. 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 attention. P304+P340: **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. P301+P312: **IF SWALLOWED**: Call a POISON CENTER or doctor/physician if you feel unwell. P330: Rinse mouth P362: Take off contaminated clothing and wash before reuse.
Storage	**Disposal**
P403+233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.	P501: Dispose of contents/container according to local/regional regulations.

3. Composition/Information on Ingredients

Chemical Characterization: Mixture

Component Name	CAS#	Concentration % by Weight	GHS Hazard Codes
Ammonium Thiosulfate	7783-18-8	40-60%	H302, H319
Sodium Sulfite	7757-83-7	3-7%	H315, H319
Acetic Acid	64-19-7	1-5%	H226, H314, H318

4. First Aid Measures

Inhalation:

Remove victim to fresh air. Administer oxygen if breathing is difficult. Seek medical attention if respiratory irritation or distress continues.

Skin Contact:

Wash with plenty of soap and water for no less than 5 minutes.

Eye Contact:

Flush with a gentle, steady stream of water for at least 15 minutes. Seek medical attention.

Ingestion:

If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Do not leave victim unattended. Do not induce vomiting.

5. Fire Fighting Measures

Suitable Extinguishing Media: **Recommended:** Dry chemical, carbon dioxide, foam.
Water spray may not be effective.

Specific Fire Fighting Measures: N/A

Unusual Fire and Explosion Hazards: N/A

Special Protective Equipment and Precautions for Fire Fighters:
No special equipment required.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear proper protective equipment.
Dispose according to State, Federal and Local regulations.

Environmental Precautions:

Avoid runoff to waterways and sewers.

7. Handling and Storage

Precautions for Safe Handling:

- Protect against physical damage.
- Store in a cool, dry, well ventilated location.
- Separate from incompatibles.
- Keep containers tightly closed. Do not store in unlabeled or mislabeled containers.

8. Exposure Controls / Personal Protection

Airborne Exposure Limits:

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

Eye Protection:

Wear safety glasses with side shields or splash-proof goggles.

Skin Protection:

Wear protective clothing including gloves, lab coat, apron or coveralls, as appropriate, to minimize skin contact.

General Industrial Hygiene Practices:

Wash with soap and water before meals and at the end of each work shift. Good manufacturing practices require amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

9. Physical and Chemical Properties

Appearance:	Clear Pale to Yellow Liquid	**Odor:**	Typical Ammonia/Vinegar
Odor Threshhold:	Unknown	**pH:**	5-5.5
Melting Point:	N/A	**Freezing Point:**	0°C
Initial Boiling Point:	~100°C	**Boiling Range:**	Unknown
Flash Point:	>144°C	**Evaporation Rate:**	Unknown
Flammability, Solid:	Unknown	**Flammability, Gas:**	Unknown
Lower Explosive Limit:	Unknown	**Upper Explosive Limit:**	Unknown
Vapor Pressure:	Unknown	**Vapor Density:**	Unknown
Relative Density:	1.25-1.35	**Solubility**	100%
Partition coefficient: n-octanol/water	Unknown	**Auto-Ignition Temperature:**	Unknown
Decomposition Temperature:	Unknown	**Viscosity:**	Unknown

10. Stability and Reactivity

Stability: This product is stable under normal handling and storage conditions.

11. Toxicological Information

Toxicological Data: Unknown

12. Ecological Information

Ecological Data: This material is 100% biodegradable.

13. Disposal Considerations

Waste Disposal: Dispose according to Federal, State and Local regulations.
EPA Hazardous Waste: No

14. Transport Information

US Department of Transportation: Not Regulated

15. Regulatory Information

Inventory Status:

All components included on **TSCA, DSL, EINECS/ELINCS, AICS, MITI, KECL** inventory lists.

Federal Regulations:

All functional components of this product are listed on the **TSCA** inventory.

SARA Title III Hazard Classes:

- Fire Hazard: No
- Reactive Hazard: No
- Release of Pressure: No
- Acute Health Hazard: Yes
- Chronic Health Hazard: No

Other Information:

NFPA Ratings

Health:	2 (Moderate)	**Fire:**	0 (Minimal)	**Stability:**	0 (Minimal)

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