

MSDS - Material Safety Data Sheet**Product Name: Acid Yellow 7 Solution****MSDS No.: LV517L****I. Basic Information:****Manufacturer:** Sirchie Finger Print Laboratories**Address:** 100 Hunter Place**City, ST Zip:** Youngsville, NC 27596**Emergency Contact:** ChemTrec**Emergency Telephone Number:** 800-424-9300**Contact:** Tech Support**Information Telephone Number:** 919-554-2244**Last Update:** 01/27/2011**Expiration Date:****Chemical State:** Liquid Gas Solid**Chemical Type:** Pure Mixture

1	Health
1	Flammability
0	Reactivity
C	Pers. Protection

II. Ingredients: Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA 313		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z						
64197	Acetic acid	10.0%							10 ppm	10 ppm	103 F
2391302	Acid Yellow 7	<5.0%							NE	NE	
64186	Formic acid	2.0%					X				
7732185	Water (Distilled)	>83%							None	None	212 F

III. Hazardous Identification:**Hazard Category:** Acute Chronic Fire Pressure Reactive**Hazardous Identification Information:**

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

IV. First Aid Measures:**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

May be harmful if ingested.
 May be absorbed through the skin.
 Skin & Eye irritant.

Signs and Symptoms:

Skin irritation, burning sensation in the eyes.
 May cause gastro-intestinal upset if ingested.

Medical Conditions Generally Aggravated by Exposure:

Skin irritation.
 Eye contact: risk of damage to eyes.

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Emergency and First Aid Procedures:

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Keep victim warm and at rest. Get medical attention.

Ingestion: DO NOT induce vomiting. If victim is conscious and alert, give large amounts of water. (Never give anything by mouth to an unconscious person!) Aspiration hazard. Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if irritation persists.

Eyes: Flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

Other Health Warnings:

None specified

V. Fire Fighting Measures:

Flash Point: Non-flammable

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

F.P. Method:

Fire Extinguishing Media: Dry chemical, carbon dioxide, water spray, alcohol-resistant foam

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing. Water may be ineffective, but may be used to cool fire-exposed containers. Caution should be exercised when using water or foam, as frothing may occur, especially if sprayed directly into containers of hot, burning liquid.

Unusual Fire and Explosion:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Wear safety goggles, synthetic apron and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Dike area. Soak up with inert absorbent material (earth, sand, or vermiculite recommended; do not use flammable substances such as sawdust). Scoop up with non-sparking tool. Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in tightly closed container. Keep cool and dry. Protect from physical damage. Avoid direct sunlight. Protect from freezing. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Use only in well-ventilated areas. Avoid contact with skin and eyes. Do not ingest or inhale. DO NOT consume food, drink, or tobacco in areas where they may become contaminated with this material. Wash thoroughly after handling.

Other Precautions:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

Personal Protective Equipment:

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Safety goggles, gloves, synthetic apron

IX. Physical and Chemical Properties:

Boiling Point: 212 F

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1):

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H2O = 1): 1.00000

Vapor Density (AIR = 1): N/A

Solubility In Water: Miscible

Appearance and Odor: Yellow liquid; slight vinegar odor

Other Information:

X. Stability and Reactivity:

Stability:

Stable at room temperature in closed containers under normal storage and handling conditions.

Incompatibility (Materials to Avoid):

Strong oxidizers, reducing agents

Decomposition/By Products:

Carbon monoxide, carbon dioxide,

Hazardous Polymerization:

Has not been reported.

XI. Toxicological Information:

Acid Yellow 7: LD50 - 2000mg/kg

XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

XIV. Transport Information:

Keep in tightly closed container. Keep cool and dry. Protect from physical damage. Avoid direct sunlight. Protect from freezing. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Avoid contact with skin and eyes. Do not ingest or inhale. DO NOT consume food, drink, or tobacco in areas where they may become contaminated with this material. Wash thoroughly after handling.

XV. Regulatory Information:

Not regulated for transport

XVI. Other Information:

Using this product under normal, properly instructed procedures should not be hazardous.

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