

LAUDER PHOTO SUPPLY FORMULA 877 INDICATING STOP BATH CONCENTRATE FOR FILM AND PAPER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Distributed by: Lauder Photo Supply, 1765 Garnet Ave. Ste. 150, San Diego, CA 92109

Product Name: **FORMULA 877 INDICATING STOP CONCENTRATE**

Product Number: **27999-16, 27999-32**

Product Use: Photographic Stop Bath

Customer Information Phone Number:

1-858-436-5477

CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300

Date Reviewed: 5/15/2015

Rev. 1.0

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Health hazard

Flammable liquid (Category 3) H226

Causes severe skin burns and eye damage (Skin Corr. 1A) H314

Serious Eye damage/eye irritation (Category 1) H318

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal Word: DANGER

Hazard statement(s)

H226	Flammable liquid and vapor
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames – no smoking
P264	Wash skin thoroughly after handling
P270	Do not eat, drink, or smoke when using this product
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P312	IF SWALLOWED; call a POISON CENTER or doctor/physician Do NOT induce vomiting. Corrosive. Material causes irritation and burns to the digestive tract. May be fatal if swallowed. Working solution is expected to be a low ingestion hazard.

- P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. Working solution low hazard for routine handling.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Will cause severe irritation to respiratory tract. Working solution expected to be low hazard for routine handling.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse
- P391 Collect spillage

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
ACETIC ACID	64-19-7	25 mg/m ³ TWA	10 ppm 15 ppm STEL	10-15

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get immediate medical attention.

Inhalation: If symptomatic, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, DO NOT induce vomiting. Give large quantities of water to dilute stomach contents. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Skin Contact: Flush skin with plenty of water and wash with a non-alkaline skin cleaner. Wash contaminated clothes before reuse. Get medical attention if irritation develops.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Flammable. Use water spray, alcohol-resistant foam, dry chemicals or carbon dioxide.

5.2 Special Hazards arising from substance or mixture

Fire or excessive heat may cause production of hazardous decomposition products. Combustible material. Combustion Products: Carbon dioxide, carbon monoxide.

5.3 Advise for firefighters

Concentrate: Wear NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode and full protective clothing to prevent contact with skin and eyes. If leak or spill has not ignited, ventilate area and use water spray to disperse gas or vapor and to protect personnel. Use water to dilute spills and to flush them from sources of ignition

Working solution: Noncombustible

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment. Avoid contact with skin and eyes. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharge. Stop the spillage. Dike the spill. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill.

6.2 Environmental precautions

Prevent liquid from entering sewers, waterways or low areas. Discharge to sewer requires approval of permitting authority and may require pre-treatment. Contaminated surfaces should be cleaned using water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid breathing mist or vapor at concentrations greater than exposure levels. Use only with adequate ventilation. Do not get in eyes, on skin, or on clothing. Store in a cool, dry, well ventilated area. Keep containers closed. Do not store or consume food, drink, or tobacco where they may become contaminated with this material. Destroy contaminated leather items such as belt, shoes, and other items that cannot be decontaminated. Keep away from heat, sparks, and flame. Use non-sparking tools. Wash thoroughly after handling. Keep away from open flames, hot surfaces and sources of ignition.

7.2 Conditions for safe storage, including any incompatibles

Do not store with incompatible materials. Do not store with strong acids. Keep containers closed. All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Triple rinse before disposal. Dispose of in a licensed facility.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

See Section 3.

8.2 Exposure controls

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal protective equipment

Eye Protection: If a full-face respirator is not worn, wear vapor-tight or goggles and full face shield where splashing of solutions are possible. Do not wear contact lenses when working with this substance. For the working solution safety glasses with side shield or goggles are recommended.

Respiratory Protection: If use conditions generate decomposition vapors or fumes; use a Multipurpose NIOSH approved respirator or type ABEK respirator cartridges.

Skin protection: Latex, rubber, or neoprene waterproof gloves are recommended.

Body protection: Rubber or plastic apron.

Respiratory protection: Local exhaust ventilation is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits, typically 10 air changes per hour.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Concentrate:

Appearance And Odor: Deep yellow to orange liquid with a strong vinegar odor.

Solubility In Water: Complete

Boiling Point: > 212 °F

Vapor Pressure: as water

Specific Gravity: 1.02

Melting Point: Not applicable

Freezing Point: N.E.

Evaporation Rate: 0.97 (n-butyl acetate =1)

Vapor Density: 2.07 (air =1)

Percent Volatile: 100.0

Ph: 2.0

Molecular Weight: Not applicable

Pounds Per Gallon: 8.5

V.O.C. is 133.3 g/L or 13%, or 1.1 lb. /gal.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable

10.2 Chemical stability

Conditions To Avoid: Ignition sources

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

No data available

10.5 Incompatible Materials

Strong oxidizers, strong bases, and metals.

10.6 Decomposition Products

May produce oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

Component information

Acetic Acid 64-19-7

Acute toxicity:

Oral: LD50 (rats): 3,310 mg/kg
Dermal: LD50 (Rabbit) – 4h – 11.4 mg/l
Inhalation: LC50 (Mouse) – 1h – 5620 ppm
LC50 (Rat) – 4h -11.4 mg/l

Causes burns by all exposure routes.

Skin irritation: No data available

Eye irritation: Rabbit
Corrosive to eyes

Respiratory or skin sensitization No data available

Carcinogenicity/mutagenicity: none

Reproductive toxicity: No data available

Specific target organ toxicity – repeated exposure – No data available

Aspiration hazard - No data available

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available No data available

Specific target organ toxicity - single exposure

No data available Specific target organ toxicity - repeated exposure No data available

Aspiration hazard

No data available

12. ECOLOGICAL INFORMATION

Component information

Acetic Acid 64-19-7

12.1 Toxicity

Toxicity to fish LC0- *Oncorhynchus mykiss* (rainbow trout) - > 1,000 mg/l – 96h
(OECD Test Guideline 203).

Toxicity to daphnia and other aquatic invertebrates LC50 – *Daphnia magna* (Water flea) – > 300.82mg/l – 48h
(OECD Test Guideline 202).

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Biodegradability aerobic – exposure time 30d
Result: 99% - Readily biodegradable

Biochemical Oxygen Demand (BOD) 880 mg/g

12.4 Mobility in soil

No data available

12.5 Result of PBT and vPvB assessment

Assessment not available as chemical assessment not required/not conducted

12.5 Result of PBT and vPvB assessment

Assessment not available as chemical assessment not required/not conducted

12.5 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORT INFORMATION

DOT (US)

Limited Quantity Exception apply to this product, for "inner packagings not over 1.0L (0.3 gal) for liquids and 1.0 kg (2.2 lb) for solids". 173.154 (b) (1). Each package must conform to the packaging requirements of Subpart B of Part 173 and may not exceed 30 kg (66 lb) gross weight. For further information consult the 49 CFR.

DOT Class: CONSUMER COMMODITY, ORM-D

Hazard Class: NOT APPLICABLE

UN No.: NOT APPLICABLE

Packing Group: NOT APPLICABLE

Guide No: NOT APPLICABLE

Ship Name: NOT APPLICABLE

For quantities greater than 0.3 gallon the following:

Ship Name: **Acetic Acid Solution**, with more than 10 percent acid and less than 50 percent acid, by mass.

Hazard Class: 8

UN No.: 2790

Packing Group: II

Guide No: 153

Labels: Corrosive

15. REGULATORY INFORMATION

SARA 302 Components

The following components are subject to reporting:

None

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:
None

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard, Fire Hazard

California Prop 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA

All ingredients in this finished product are listed on the EPA TSCA INVENTORY.
TSCA: All ingredients in this finished product are listed on the EPA TSCA INVENTORY.

SCAQMD Rule 443.1

Photochemically Reactive: No
Maximum Grams of VOC per Liter: 133.3 gm/L
Vapor Pressure: 18 mmHg@ 20 °C

16. OTHER INFORMATION (HMIS)**Full text of H-statements referred to under sections 2 and 3.**

Flammable liquid (Category 3) H226
Causes severe skin burns and eye damage (Skin Corr. 1A) H314
Serious Eye damage/eye irritation (Category 1) H318

HMIS RATING**Concentrate:**

Health: 3*
Flammability: 2
Reactivity: 0
Protective: H

Working solution:

Health: 1
Flammability: 0
Reactivity: 0
Protective: A

OTHER ADDITIONAL INFORMATION: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for the injuries from the use of the product described herein.