1. IDENTIFICATION OF SUBSTANCE

Trade name: **Accu-Sour**
Product Number: **8933**
Application of the substance / the preparation
Laundry Additive.

Manufacturer/Supplier:
Fabritec International, Inc.
8145 Holton Drive, Suite 110
Florence, KY 41042 USA
(859) 781-8200

Further Information:
Chemtrec Assistance (800) 424-9300 USA

2. HAZARDS IDENTIFICATION

Hazard Description: Skin irritant Category 2, Eye irritant Category 2A

GHS07

Signal word
Warning!

Hazard statement(s)
Causes skin irritation.
Causes serious eye irritation.

Precautionary statement(s)
Wash hands thoroughly after handling.
Wear protective gloves and eye protection.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Wash contaminated clothing 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Water based solution of organic salts derived from natural substances.

CAS No. & Description:

68-04-2	Citric Acid	≤ 10 %
79-14-1	Glycolic Acid	< 2 %

Exact percentages withheld due to trade secret.

4. FIRST AID MEASURES

General information: Remove clothing contacted by the product.
After inhalation: Not Applicable.
After skin contact: Flush with water.
After eye contact: Remove contacts if worn and flush eye with water or eye wash preparations for 15 minutes.
After swallowing: Give water and contact medical personnel.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: Product is non flammable, however, in the presence of a fire you can use any means of fire suppression.

Special hazards caused by the substance, its products of combustion or resulting gases: may release oxides of carbon.
Protective equipment: Wear eye protection and cartridge respirator.
Additional information:

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Wear eye protection.
Measures for environmental protection: For small spills flush with water. For large spills contain and adsorb onto absorbent material for disposal.
Measures for cleaning/collecting: Adsorb product on sand, saw dust and/or industrial hazard adsorption materials. Dispose as hazardous waste.
Additional information:

7. HANDLING AND STORAGE

Handling:
Information for safe handling: None known.
Information about fire and explosion prevention: Not applicable.
Storage:
Requirements to be met by storerooms and receptacles: None known.
Information about storage in one common storage facility:
Further information about storage conditions:

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical systems:
Ingredients with limit values that require monitoring at the workplace: None known.
Additional information:
Personal protective equipment: Eye protection and skin protection.
General protective and hygienic measures: Avoid skin contact and wash hands before eating or drinking.
Respiratory protection: Not applicable.
Protection of hands: Protective gloves.
Eye protection: Safety glasses or goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:
Form: Liquid.
Color: pink
Odor: mild.
Change in condition:
Melting point/Melting range: ≤ 0 °C
Boiling point/Boiling range: 100 °C
Flash point: None
Auto-ignition temperature: Not determined.
Decomposition temperature: No data.
Danger of explosion: Not applicable
Density at 20° C (68°F): 1.1
Solubility in/ Miscibility with water: Complete.
pH value at 20°C (68°F): 4.5-5.5
Viscosity: Not determined.
Solvent content: ≥ 80 %

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:
Decomposition starts at: Not determined.
Dangerous reactions: Not applicable.
Dangerous decomposition products: Possible oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:
LD/LC50 values that are relevant for classification: Citric Acid: Oral, Rat: LD50-3gr./Kg. Oral, mouse: 5040mg/Kg.
Primary irritant effect: mild
On the skin: Rabbit, 500 mg/24H Mild
On the eye: Rabbit, eye: 750ug/24H Severe.
Sensitization: Not determined.
Additional toxicological information:

12. ECOLOGICAL INFORMATION

Information about elimination (persistence and degradability):
Other information: This product is expected to be readily biodegradable.
Behavior in environmental systems: Not studied.
Mobility and bioaccumulation potential: Not determined.
Ecotoxical effects: No data.
Acquatic toxicity: Fish toxicity: LC100 gold fish 894 mg/l lifetime exposure in hard water.
General notes:

13. DISPOSAL CONSIDERATIONS

Product:
Recommendation: Dispose according to all applicable regulations.
Uncleaned packaging: Dispose according to all applicable regulations.
Recommendation:

14. TRANSPORT INFORMATION

DOT Regulations:
Hazard Class: None

Land Transport ADR/RID (cross-border):
ADR-RID class:

Maritime transport IMDG:
IMDG class:
Marine pollutant:

Air transport ICAO-TI and IATA-DGR:
ICAO/IATA class:

15. REGULATORY INFORMATION

Labeling:
Code letter and hazard designation of product: None.
Risk phrases: R36/37/38 Irritating to eyes.
Safety phrases: S26 Incase of contact with eyes, rinse immediately.
National regulations:
Technical instructions (air):
Waterhazard class:

NFPA Hazard Rating: Health 1 (Slight); Fire 0 (Minimal); Reactivity 1 (Slight)

16. OTHER INFORMATION

The information provided in these documents is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties. In no event will we be responsible for damages of effects of any nature whatsoever, either express or implied, resulting from the use of this information. It is the responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application.

Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Reglement internationale concernent le transport des merchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
P: Marine Pollutant
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent