

Material Safety Data Sheet



ENCORE PRE/POST

Section 1. Chemical product and company identification

Trade name : ENCORE PRE/POST
Product use : Teat dip
Supplier : Ecolab Inc. Food & Beverage Division
370 N Wabasha Street
St Paul, MN 55102
1-800-392-3392
Code : 901655-02
Date of issue : 06-December-2005

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Composition, Information on Ingredients

| Name | CAS number | % by weight |
|-------------|------------|-------------|
| lactic acid | 50-21-5 | 1 - 5 |

Section 3. Hazards identification

Physical state : Liquid (Liquid)
Emergency overview : CAUTION!

MAY CAUSE EYE IRRITATION.
Repeated or prolonged contact with irritants may cause dermatitis.
Avoid contact with eyes Wash thoroughly after handling.

Potential acute health effects

Eyes : Moderately irritating to the eyes.
Skin : Slightly irritating to the skin
Inhalation : Slightly irritating to the respiratory system.
Ingestion : No known significant effects or critical hazards.
See toxicological information (section 11)

Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
Skin contact : Wash with soap and water. Get medical attention if irritation develops. Wash clothing before reuse.
Inhalation : If inhaled, remove to fresh air.
Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Section 5. Fire fighting measures

Flash point : > 100°C
Product does not support combustion.
Fire fighting media and instructions : Use an extinguishing agent suitable for surrounding fires.
Dike area of fire to prevent product run-off.
No specific hazard.
Special protective equipment for fire-fighters : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8) Stop leak if without risk Prevent entry into sewers, water courses, basements or confined areas.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway Place spilled material in an appropriate container for disposal.--

Section 7. Handling and storage

- Handling** : Avoid contact with eyes Wash thoroughly after handling
- Storage** : Keep out of the reach of children Keep container tightly closed Keep container in a cool, well-ventilated area.
Store between -30 and 45°C

Section 8. Exposure Controls, Personal Protection

- Engineering controls** : Good general ventilation should be sufficient to control airborne levels.

Personal protection

- Eyes** : Eye protection recommended.
- Hands** : No protective equipment is needed under normal use conditions.
- Skin** : No protective equipment is needed under normal use conditions.
- Respiratory** : No protective equipment is needed under normal use conditions

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

- Physical state** : Liquid. (Liquid.)
- Color** : Yellow.
- Odor** : Odorless.
- pH** : 2.95 (100%)
- Boiling/condensation point** : 100 °C
- Specific gravity** : 1.042 (Water = 1)
- Dispersion properties** : Easily dispersed in cold water, hot water.
- Solubility** : Easily soluble in cold water, hot water.

Section 10. Stability and reactivity

- Stability** : The product is stable.
- Reactivity** : Reactive with alkalis.

Section 11. Toxicological information

Potential acute health effects

- Eyes** : Moderately irritating to the eyes.
- Skin** : Slightly irritating to the skin.
- Inhalation** : Slightly irritating to the respiratory system.
- Ingestion** : No known significant effects or critical hazards

Potential chronic health effects

