

SAFETY DATA SHEETS

This SDS packet was issued with item:

078548757

N/A

Safety Data Sheet

Section 1: Identification

Product trade name: Equine Appetite Response Solution™

Other names: Equine ARS™

Application of the substance: Equine feed supplement

Preparation and restrictions: Administer as directed.

Manufacturer/supplier contact information:

TransAgra International Inc.
101 Gilbert Street
Storm Lake, IA 50588

Website: www.transagra.com

Telephone: 800-238-6075

Emergency telephone: 712-732-2241 (during normal business hours)

Section 2: Hazards Identification

Classification of substance or mixture:

The substance is not classified according to the Globally Harmonized System (GHS)

HMIS ratings (scale 0 – 4)

HEALTH	1
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	A

NFPA ratings (scale 0 – 4)

Health = 1

Fire = 0

Reactivity = 0

Hazard statement:

The substance is irritating to the eyes. Wear protective eyewear and observe general safety regulations when handling.

Section 3: Composition/Information on Ingredients

Substance trade names:

Equine Appetite Response Solution™, Equine ARS™

Mixtures:

Component	CAS No.	Percentage	Hazard
<i>L. acidophilus</i> fermentation product	--	89.0	None
Lactic acid	50-21-5	11.0	Xi, C*

*See below:



C = Corrosive



Xi = Irritant

Section 4: First Aid Measures**Description of first-aid measures:**

- **General information:** No special measures required.
- **After inhalation:** May be irritating to mucous membranes in nose and throat. Seek medical attention if irritation persists.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse open eye for several minutes under running water. Seek medical attention if symptoms persist.
- **After swallowing:** Do not induce vomiting. Seek medical attention if symptoms persist.

Information for medical professional:

- **Most important symptoms and effects, both acute and delayed:** Irritation.
- **Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

Section 5: Firefighting Measures**Extinguishing media:****Suitable extinguishing media:**

Water, carbon dioxide (CO₂), foam or extinguishing powder.

Special hazards arising from substance or mixture:

Irritating gases/vapors may be formed by heating or fire.

Advice for firefighters:

- **Protective equipment:** Do not inhale explosion gases or combustion gases. Wear self-contained respiratory protective device.
- **Specific methods:** In event of fire, cool tanks and containers with spray. Use water spray to cool unopened containers.

Section 6: Accidental Release Measures

Personal precautions and protective equipment: Wear gloves and protective eyewear.

Emergency procedures: Not required.

Environmental precautions: Do not allow to enter storm sewers or ground water.

Methods and material for containment and cleanup: Mop and wipe up small spills with plenty of water. For large spills, contain by diking with absorbent material and neutralize or dilute with mild alkali. May cause slippery floor surface. Wash area thoroughly.

Section 7: Handling and Storage

Handling:

- **Precautions for safe handling:** Wear protective eyewear. Use of rubber gloves is recommended.
- **Information about protections against explosions and fire:** No special measures required.

Storage:

- **Precautions for safe storage:** Avoid temperatures above 105° F (41° C) to preserve product efficacy. Keep in tightly sealed container and protect from exposure to light.

Section 8: Exposure Controls/Personal Protection

Engineering controls to reduce exposure: Insure adequate ventilation.

Personal protective equipment:

- **General protective and hygienic measures:** Follow usual precautionary practices for safe handling of chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** Rubber gloves are recommended.
- **Eye protection:** Tight-fitting safety goggles.
- **Body protection:** Protective, long-sleeved work clothing.
- **Hygiene measures:** Avoid contact with skin. Do not eat, drink or smoke when using the product. Remove and wash contaminated clothing before re-use.

Section 9: Physical and Chemical Properties

General appearance:

Form:	Concentrate liquid
Color:	Tan
Odor:	Characteristic

pH value:	3.2
------------------	-----

Change in condition:

Melting point:	Not applicable.
-----------------------	-----------------

Boiling point:	Not available.
-----------------------	----------------

Vapor pressure:	Not available
------------------------	---------------

Relative density:	Not available
--------------------------	---------------

Density:	1.12 SG
Vapor density:	Not available.
Other information:	No further relevant information available.

Section 10: Stability and Reactivity

Chemical stability: Substance is stable under normal conditions.

Conditions to avoid: Temperatures above 105° F (41° C) to preserve product efficacy.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Incompatible materials: High alkaline substances.

Hazardous decomposition products: No dangerous reaction known under conditions of normal use.

Section 11: Toxicological Information

Acute toxicity: (Oral) Rats LD₅₀ = > 33,909 mg/kg

Primary irritant effect:

- **On the skin:** No irritant effect.
- **On the eye:** Irritating to eyes. Flush immediately with water upon exposure and seek medical attention if irritation persists.

Additional toxicological information: When used and handled as directed, the product does not have any harmful effects according to our experience and the information provided to us. The substance is not subject to classification.

Carcinogen status: The substance is not known to contain chemicals considered as carcinogens or potential carcinogens.

Section 12: Ecological Information

Aquatic toxicity: No further relevant information available.

Persistence and degradability: Biodegradable.

Additional ecological information: Do not allow undiluted product to reach groundwater or water course.

Section 13: Disposal Considerations

Recommendations: Disposal must be made according to all official recommendations.

Section 14: Transport Information

Recommendations: Not regulated as a dangerous good.

Section 15: Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Hazard categories:

- **Immediate hazard:** No
- **Delayed hazard:** No
- **Fire hazard:** No
- **Pressure hazard:** No
- **Reactivity hazard:** No

Extremely hazardous substance: No

Specific toxic chemical listing: No

Product related hazard information: The substance is not subject to classification according to the sources of literature known to us. Observe general safety regulations when handling chemicals.

Section 16: Other Information

Disclaimer: This information is based on our present knowledge and data. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: Quality control department

Revision date: 27 December 2016