

SAFETY DATA SHEETS

This SDS packet was issued with item:

078946184

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078945992

SAFETY DATA SHEET

According to NOM-018-STPS-2015

J1350A ACD-A anticoagulant solution

SECTION 1: Company and substance identification

1.1 Substance identification

ACD-A anticoagulant solution

1.2 Use of substance

Blood conservation

1.3 Company identification

Jorgensen Laboratories, Inc.

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SECTION 2: Hazard identification

2.1 Substance classification

Serious eye damage/ eye irritation Category:

2A

2.2 Label elements

Warning Word: Attention

Pictograms:



Hazard indication: H319 - Causes serious eye damage.

Precautary advice: P280 - Wear protective gloves/clothing/eye and face protection equipment

P264 - Wash carefully after handling

P305+P351+P338 - IN CASE OF CONTACT WITH THE EYES: Rinse carefully with water for several minutes. Remove contact lenses when present and can be done easily. Continue with the wash.

P337+P313 - If eye irritation persists, consult a doctor.

Other hazards that do not contribute to the classification: Not available

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of substances	N° CAS	Molecular formula	Molar mass
Anhydrous Dextrose	50-99-7	C6H12O6	180.16 g/mol
Anhydrous citric acid	77-92-9	C6H8O7	192.12 g/mol
Sodium Citrate	6132-04-3	Na3C6H5O7.2H2O	294.10 g/mol

SECTION 4: First Aid measures

4.1 First aid measures description

In case of inhalation: not applicable

In case of skin contact: Wash skin thoroughly with soap and water. Consult a doctor if irritation persists in case of allergic reaction to components after washing. Wash contaminated clothing before reuse.

In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses when present and can be done easily. Consult a physician if irritation persists after washing. In case of irritation due to environmental exposure, get out into fresh air.

In case of ingestion: Rinse thoroughly the mouth or consult a doctor if the person feels unwell.

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SECTION 5: Fire-fighting measures

- 5.1 **Extinguishing media:** Use the appropriate extinguishing media in accordance with the other materials in the environment.
- 5.2 **Special hazards arising from the substance or mixture:** Not applicable
- 5.3 **Recommendations for firefighters:** Not applicable

SECTION 6: Measures in the event of accidental spillage

- 6.1 **Personal precautions, protective equipment and emergency procedures**
 - For non-emergency services personnel: keep unauthorized personnel away. Wear personal protective equipment.
 - For emergency personnel: wear personal protective equipment
- 6.2 **Environmental precautions:** avoid spillage and discharge to drain.
- 6.3 **Methods and material for containment and cleaning up**
 - Advice on how to contain a spill: collect in container and dispose in drain.
 - Appropriate guidelines on how to clean up a spill: clean the Surface thoroughly to remove residual contamination
 - Appropriate containment techniques: not applicable
 - Other indications regarding spills and leaks: not applicable

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
 - Recommendations: no special measures are necessary
 - Recommendations on general hygiene measures at work: wash hands before breaks and at the end of work.
- 7.2 **Conditions for safe storage, including any incompatibilities**
 - **Keep only in the original container:** keep container tightly closed. Observe the expiration date.
 - **Incompatible substances or mixtures:** observe compatible storage of chemicals
 - **Recommended storage temperature:** 15-25°C

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values: no data available
Occupational exposure limit values (workplace exposure limits): No data available.

8.2 Exposure controls

Individual protection measure (personal protective equipment)
Eye/face protection: safety glasses
Skin protection: use of gloves
Other protective measures: not necessary
Respiratory protection: Personal respiratory protection is not normally necessary.
Environmental exposure controls: keep the product away from drains and surface and groundwater.

SECTION 9: Physical and chemical properties

9.1 Appearance

Physical state:	Liquid
Color:	Slightly yellow
Smell:	Odorless

Other security parameters

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pH (value)	~ 5
Melting point/freezing point	undetermined
Flashpoint	undetermined
Evaporation rate	undetermined
Inflammability (solid, gas)	undetermined

Explosive limits

Lower explosion limit (LEL)	Information is not available
Upper explosion limit (UEL)	Information is not available
Steam pressure	Information is not available
Density	~ 1 g /cm ³ a 20 °C
Steam density	Information is not available
Solubility	Information is not available

Partition coefficient

Autoignition temperature	Information is not available.
Viscosity	Information is not available.
Explosive properties	Information is not available.
Oxidizing properties	Information is not available.

SECTION 10: Stability and reactivity

10.1 Reactivity: This material is not reactive under normal environmental conditions.

10.2 Chemical stability: The material is stable under normal environmental conditions and under foreseeable conditions of temperature and pressure during storage and handling.

10.3 Possibility of hazardous reactions: has no known dangerous reactions

10.4 Conditions to avoid: There are no specific conditions that should be avoided.

10.5 Incompatible materials: No additional information.

10.6 Hazardous decomposition products: Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects: Classification according to GHS

Acute toxicity: will not be classified as acute toxicity.

Skin corrosion/irritation: will not be classified as corrosive/irritating to the skin.

Serious eye damage/eye irritation: will not be classified as causing serious eye damage.

Respiratory or skin sensitization: will not be classified as a respiratory sensitizer or skin sensitizer

Germinal cell mutagenicity: shall not be classified as a germinal cell mutagen, carcinogen or toxic to reproduction.

Carcinogenicity: will not be classified as carcinogenic

Reproductive toxicity: shall not be classified as toxic for reproduction.

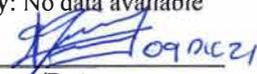
Specific target organ toxicity: Single exposure: not classified as specific organ toxic (repeated exposure)

SECTION 12: Ecological information

12.1 Toxicity: According to CE 1272/2008: it will not be classified as dangerous for the aquatic environment.

Biodegradation: No data available

12.2 Persistence and degradability: No data available

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- 12.3 **Bioaccumulative potential:** No data available
- 12.4 **Mobility in soil:** No data available
- 12.5 **Results of PBT and vPvB assessment:** No data available
- 12.6 **Other adverse effects:** No data available

SECTION 13: Considerations for elimination

13.1 Waste treatment methods

- Relevant information for waste treatment:** Not required
- Relevant information for wastewater treatment:** Not required
- Container/Packaging waste treatment:** Not required
- Observations:** None

SECTION 14: Transportation related information

- 14.1 UN number:** not subject to transport regulations
- 14.2 UN proper shipping name:** Not relevant
- 14.3 Transport Hazard class:** Not relevant
- 14.4 Packing group:** Not relevant
- 14.5 Environmental hazards:** Not relevant
- 14.6 Special precautions for users:** Not relevant
- 14.7 Transport in bulk according to Annex II of the Marpol Convention and Code:** Not relevant

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations and specific legislation for the substance or mixture

- Political Constitution of the United Mexican States
- Federal Labor Law
- Federal regulation of safety and health in the workplace
- Official Mexican Standard NOM-005-STPS-1998 Relative to safety and hygiene conditions in work centers for the handling, transport and storage of dangerous chemical substances.
- Official Mexican Standard NOM-018-STPS-2015 Harmonized system for the identification and communication of hazards and risks due to hazardous chemical substances in the workplace.

SECTION 16: Other information.

None

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