



EASIFLEX HA LIQUID SODIUM HYALURONATE

Abbey Animal Health Pty Ltd Material Safety Data Sheet

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd

Address: 165 Sharp St, Cooma NSW 2630

Telephone Number: 02 8090 7187

Facsimile Number: 02 9475 0775

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

PRODUCT NAME:

EASIFLEX HA LIQUID SODIUM HYALURONATE

PRODUCT USE

EasiFlex HA is a liquid hyaluronic acid supplement for the support of healthy joint function in horses.

Section 2- Hazards Identification

- **Physical - Chemical Hazards**
- **Explosion:** None identified.
- **Flammable:** Non-combustible.
- **Oxidizing:** Not applicable.
- **Toxic:** None identified.
- **Radioactive:** Not applicable.
- **Corrosive:** None identified.
- **Miscellaneous:** None identified.
- **Environmental Hazards:** None identified.
- **Health Hazards**
- **Acute Effects: Swallowed:** May cause abdominal pain, maybe harmful.
Excessive ingestion of liquid can cause gastric distress and mild diarrhoea.

- **Eye:** May cause mild irritation.
- **Skin:** Non irritating or sensitising.
- **Inhalation:** Inhalation of vapour may be harmful. Inhalation of enough liquid to saturate the lungs can result in asphyxiation and is often fatal.
- **Chronic Effects:** None identified.
- **Mutagenic Effects:** None identified.
- **Reproductive Effects:** None identified.
- **Carcinogenic Effects:** None identified.
- **Sensitisation:** None identified.
- **Infectious:** Not applicable.

Section 3- Composition / Information on Ingredients

Purified Water

7732-18-5 > 95%

Sodium Hyaluronate & Not allocated

9067-32-7 < 5%

Section 4- First Aid Measures

- **SWALLOWED**
 - Immediately give a glass of water.
 - First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
- **EYE**

If this product comes in contact with the eyes:

 - Wash out immediately with fresh running water.
 - Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
 - Seek medical attention without delay; if pain persists or recurs seek medical attention.
 - Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- **SKIN**

If skin contact occurs:

 - Immediately remove all contaminated clothing, including footwear.
 - Flush skin and hair with running water (and soap if available).
 - Seek medical attention in event of irritation.
- **INHALED**
 - If fumes, aerosols or combustion products are inhaled remove from contaminated area.
 - Other measures are usually unnecessary.
- **NOTES TO PHYSICIAN**

Treat symptomatically.

Section 5- Fire Fighting Measures

EXTINGUISHING MEDIA

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves for fire only.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use firefighting procedures suitable for surrounding area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

FIRE/EXPLOSION HAZARD

- The material is not readily combustible under normal conditions.
- However, it will break down under fire conditions and the organic component may burn.
- Not considered to be a significant fire risk.
- Heat may cause expansion or decomposition with violent rupture of containers.
- Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
- May emit acrid smoke. Combustion products include: carbon dioxide (CO₂), other pyrolysis products typical of burning organic material. May emit poisonous fumes. May emit corrosive fumes.

FIRE INCOMPATIBILITY

- Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, as ignition may result.
- **HAZCHEM**
- None

Section 6 - Accidental Release Measures

MINOR SPILLS

- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.
- Wipe up.
- Place in a suitable, labelled container for waste disposal.

- **MAJOR SPILLS**

Moderate hazard.

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water course.
- No smoking, naked lights or ignition sources.
- Increase ventilation.
- Stop leak if safe to do so.
- Contain spill with sand, earth or vermiculite.
- Collect recoverable product into labelled containers for recycling.
- Absorb remaining product with sand, earth or vermiculite.
- Collect solid residues and seal in labelled drums for disposal.
- Wash area and prevent runoff into drains.
- If contamination of drains or waterways occurs, advise emergency services.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

Section 7 - Handling and Storage

PROCEDURE FOR HANDLING

- - DO NOT allow clothing wet with material to stay in contact with skin.
 - Avoid all personal contact, including inhalation.
 - Wear protective clothing when risk of exposure occurs.
 - Use in a well-ventilated area.
 - Prevent concentration in hollows and sumps.
 - DO NOT enter confined spaces until atmosphere has been checked.
 - Avoid smoking, naked lights or ignition sources.
 - Avoid contact with incompatible materials.
 - When handling, DO NOT eat, drink or smoke.
 - Keep containers securely sealed when not in use.
 - Avoid physical damage to containers.
 - Always wash hands with soap and water after handling.
 - Work clothes should be laundered separately.
 - Use good occupational work practice.
 - Observe manufacturer's storing and handling recommendations.
 - Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions.
- Storage in sealed containers may result in pressure build up causing violent rupture of containers not rated appropriately
 - Check for bulging containers.
 - Vent periodically
 - Always release caps or seals slowly to ensure slow dissipation of vapours.

SUITABLE CONTAINER

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

STORAGE INCOMPATIBILITY

- Avoid reaction with oxidising agents.

STORAGE REQUIREMENTS

- Store in original containers.
- Keep containers securely sealed.
- No smoking, naked lights or ignition sources.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.
- Protect containers against physical damage and check regularly for leaks.
- Observe manufacturer's storage and handling recommendations.
- Check all containers are clearly labelled and free from leak

Section 8 - Exposure Controls / Personal Protection

- Respiratory Protection: None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.
- Ventilation Protection: Ensure adequate ventilation to keep exposure levels to a minimum. General exhaust is recommended. Remove hot vapour with local exhaust systems.
- Eye Protection: Using goggles or face shield is recommended.
- Protective Gloves: Using chemical resistant gloves is recommended. Use insulated gloves when exposed to solid or gaseous forms of the product.
- Protective Clothing: Using chemical resistant clothing is recommended. Use heat protective gear when exposed to large quantities of heated vapour.
- Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area.
- Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions

Section 9 - Physical and Chemical Properties

- Appearance: Clear, slightly pink/red semi viscous liquid
- Odour: Characteristic apple flavour
- Specific Gravity: Not available.
- Refractive Index: Not available.
- Optical Rotation: Not available.
- pH: 5.0 to 6.0 @ 25°C

- Solubility: Dispersible in ethyl alcohol
- Solubility in Water: Soluble
- Flash Point: Not applicable
- Flammability Limits [as % v/v in Air]
- Lower Explosion Limit: Not applicable
- Upper Explosion Limit: Not applicable
- Melting Point: Not available
- Boiling Point: Not available.
- Vapour Pressure: Not available
- Vapour Density: Not available

Section 10 - Stability and Reactivity

- Stability: Chemically stable, non-hazardous material.
- This material presents no significant reactivity hazard.
- Conditions to Avoid: Do not allow product to solidify in filled, closed containers as product expands upon freezing.
- Materials to Avoid: Avoid contact with materials which are classified with the dangerous goods class 4.3 [Dangerous When Wet Substances]; eg. Aluminium, Calcium,
- Calcium Carbide, Magnesium, Zinc, Sodium, etc. Also avoid strong acids, strong alkalis, or oxidizing agents.
- Flammability: This product is non-combustible.
- Hazardous Polymerization: Will not occur.
- Hazardous Combustion or Decomposition Products: Not applicable.

Section 11 - Toxicological Information

- Acute Toxicity LD50 [Oral]: Not tested on animals – So not available.
LD50 [Dermal]: Not tested on animals – So not available.
LC50 [Inhalation]: Not tested on animals – So not available.
- Exposure Limits There is a blanket recommendation of 10 mg/m³ for inspirable dusts or mists when limits have not otherwise been established.
- Short Term Toxicity: Not available.
- Long Term Toxicity: Not available.
- Human Exposure Tests: Not available.

Section 12 - Ecological Information

- Eco-toxicity: None established. Avoid pollution to soil, rivers and the ocean.
- Mobility: Low mobility in the soil.
- Persistence & Degradability: Low persistence level and readily biodegradable.
- Bio-accumulative Potential: None established.
- Other Adverse Effects: None established.

Section 13 - Disposal Considerations

- Waste Material: Place material and / or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
- Contaminated Packaging: Dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
- Note: Empty containers can have residues, gases and mists.
Use the proper Waste Disposal Methods & Procedures for Empties as well.

Section 14 - Transport Information

- Transportation: Not Dangerous Goods according to criteria of the Australian Dangerous Goods Code for Transport by Road and Rail. No special transport required.
- Proper Shipping Name: Not Regulated.
- UN Number: Not allocated.
- Packaging Group: Not allocated.
- DG Class: Not allocated.
- Poison Schedule: Not Scheduled.
- Hazchem Code: Not allocated.

Section 15 - Regulatory Information

- Risk Symbols: Not allocated.
- Risk Phrases: Not allocated.
- Safety Phrases: Not allocated.
- Warning Statements: Not allocated.
- Safety Directions: Not allocated.
- Standard Statements: Not allocated

Section 16 – Other Information

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For additional information contact:

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This Material Safety Data Sheet (MSDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

Each user must review this MSDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.