CONTRACT PACKAGING & STORAGE (2021) LTD

SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ACEDEX**
UN NUMBER:
PRODUCT USE: An animal drench for acidosis.

SUPPLIER: Contract Packaging and Storage (2021) Limited
44 Aerodrome Road
Mount Maunganui 3149
Telephone: +64 7 575 8853

24 HOUR EMERGENCY CONTACT: 0800 764 766 (National Poisons Centre)

DATE OF PREPERATION: 17 September 2024 Revision 3

Section 2: HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

This product is generally recognized as safe (non-hazardous) IN THIS FORM AND AT THIS STRENGTH. Handle correctly and as directed by this SDS.

This is the products **end** use.

HAZARD LABELLING WARNING
N/A

HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION

NAME	CAS NUMBER	% w/w	HAZARDOUS
Water	7732-18-5	<10	No
Monopropylene Glycol	57-55-6	>90	No
Chemidet 24-7N/90	68439-50-9	<10	Not hazardous at this strength. >85: Acute toxicity (oral), Category 4 Serious eye damage/eye irritation, Category 1 Hazardous to the aquatic environment — Acute Hazard, Category 1
Nylosan EBL-180 Red Dye	94276-30-9	<10	No

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Section 4: FIRST AID MEASURES

SWALLOWED
Wash mouth out with water. Give several glasses of cold clean water to drink. DO NOT induce vomiting. Seek medical advice.

EYE
Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation continues, seek medical attention.

SKIN
Not normally a problem.

INHALATION
Highly unlikely. Remove to a well-ventilated area. Give artificial respiration if required.

Section 5: FIRE FIGHTING MEASURES

FIRE HAZARD PROPERTIES
Not flammable.

EXTINGUISHING MEDIA & METHODS
Use media suitable for surrounding fire.

RECOMMENDED PROTECTIVE CLOTHING
Use protective clothing appropriate to the surrounding fire.

Section 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES
Stop leak if possible without personal risk. Contain spillage using absorbent such as sand or sawdust. Mop, sweep or shovel spills into labelled containers for re-use or disposal in an authorised landfill. Avoid allowing spillage to enters drains or waterways. Wear appropriate personal protective equipment recommended in Section 8.

Section 7: HANDLING AND STORAGE

HANDLING
Handle upright in original labelled container with lid securely fastened. Avoid contact with eyes. Wash thoroughly after handling. Wear appropriate personal protective equipment recommended in Section 8. Minimise release of the material to the environment.

STORAGE
Store upright in a cool, dry place and in the original, properly labeled containers. Keep lid securely fastened. Protect from physical damage.

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS
No workplace exposure standards established

ENGINEERING CONTROLS
Provide eyewash station and running fresh water.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE AND SKIN PROTECTION

- Safety goggles: Product may be an eye irritant.
- Overalls: Precautionary
- Safety boots: Precautionary
- Gloves: Precautionary

Wash hands after use.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Red liquid

PHYSICAL PROPERTIES

PROPERTY	VALUE
State	Red liquid
Odour	None
Molecular Weight	
Melting Range (°C)	
Boiling Range (°C)	184
Solubility in water (g/L, 20°C)	Miscible with water
pH (saturated solution)	
pH (as supplied)	
Specific Gravity (water = 1)	1.03
Relative Density (23°C)	
Volatile Component	
Relative Vapour Density (air = 1)	2.62
Vapour Pressure (kPa)	
Autoignition Temp (°C)	421
Flash Point (°C)	104
Lower Explosive Limit (%)	
Upper Explosive Limit (%)	
Decomposition Temp (°C)	
Viscosity	
Evaporation Rate	

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Section 10: CHEMICAL STABILITY AND REACTIVITY

CHEMICAL STABILITY
Stable at normal temperatures and pressures.

CONDITIONS TO AVOID
Avoid prolonged exposure to sunlight and heat.

INCOMPATIBLE MATERIALS
None known

HAZARDOUS DECOMPOSITION PRODUCTS
Oxides of carbon. Aldehydes. Alcohols. Ethers. Organic acids.

HAZARDOUS REACTIONS
Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

SWALLOWED
No adverse effects expected, however, large amounts may cause nausea and vomiting.

EYE
May be an eye irritant.

SKIN
Contact with skin may result in irritation

INHALED
No specific disorder or effects are identified. Inhalation of vapor, mist, spray, aerosol may cause slight respiratory tract irritation.

Oral LD50 (rat): >20,000 mg/kg
Dermal LD50 (rabbit): >2,000 mg/kg
Inhalation LC50 (rabbit): >20 mg/L/4hr

CHRONIC EFFECTS

Irritation/Corrosion: Prolonged exposure to skin may cause irritation.

Carcinogenic effects: Not considered to be a carcinogen.

Mutagenic effects: Non mutagenic.

Reproductive or developmental effects: None identified.

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Section 12: ECOLOGICAL INFORMATION

ECOTOXICITY
Avoid any contamination of fresh waterways.
96hr LC50 (rainbow trout): 40,613 mg/L

Chronic: No data

Phytotoxicity:

Persistence and Degradability: Readily biodegradable.

Mobility:

Bioaccumulation:

BOD and COD:

Products of Biodegradation:

Toxicity of the Products of Biodegradation:

Section 13: DISPOSAL CONSIDERATIONS

Disposal Information: Triple rinse all empty containers. Dispose of in accordance with all local government regulations.

Section 14: TRANSPORT INFORMATION

Hazard Class: None

UN Number:

Packing Group:

Hazchem Code

Land Transport:

Sea Transport:

Air Transport:

Other Information:

Section 15: REGULATORY INFORMATION

HSNO Approval Number: N/A

HSNO Classifications: None

Regulatory status:

Section 16: OTHER INFORMATION

Interpretation and Abbreviations
Controls applying to a substance:

- * denotes that changes have been made to these controls, further information on these changes is located in the transfer notice for that substance,
- (R) abbreviation for the term Regulation of the Hazardous Substances regulations

AICS – Australian Inventory of Chemical Substances
AOX – Absorbable organic halogens.
APF – Assigned Protection Factor.

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BOD – Biochemical Oxygen Demand China
COD – Chemical Oxygen Demand
DSL – Canadian Domestic Substances List.
EINECS – European Inventory of Existing Commercial Chemical Substances.
ENCS – Japanese Existing and New Chemical substances.
IARC – International Agency for Research on Cancer.
IDLH – Immediately Dangerous to Life or Health Concentrations.
ISHL – Japanese Industrial Safety and Health Law List of Chemicals.
LOEL – Lowest Observed Effect Level.
LD_{LO} – Lethal Dose Low (the lowest dosage per unit of bodyweight of a substance known to have resulted in fatality in a particular animal species).
MAK – Maximum workplace concentration in the workplace air that generally does not have known adverse effects on the health of the employee nor cause unreasonable annoyance when a person is repeatedly exposed during long periods, usually 8 hours daily, 40hour working week).
NOAA – National Oceanic and Atmospheric Administration.
NOEC – No Observed Effect Concentration.
NTP – National Toxicology Program.
NZIoC – New Zealand Inventory of Chemicals.
OECD HPV – The Organisation for Economic Co-operation and Development High Product Volume Chemicals.
PEL – Permissible exposure limit.
PPE – Personal Protective Equipment.
Prop 65 – California Proposition 65 List of Chemicals.
RTECS – Registry of Toxic Effects of Chemical substances
STEL – Short term exposure limit.
TOC – Total Organic Carbon.
TSCA – US Toxic Substances Control Act Existing Chemicals.
TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
VOC – Volatile Organic Compounds.

Sources of key data used to compile the datasheet:
Manufacturers SDS
NZ EPA CCID
Health and Safety at Work (Hazardous Substances) Regulations 2017
Hazardous Substances (Minimum Degrees of Hazard) Notice 2017
Hazardous Substances (Safety Data Sheets Notice 2017
Hazardous Substances (Classification) Notice 2017
Labelling of Hazardous Substances Technical Guide 2012

DISCLAIMER
The information contained in this safety data sheet was obtained from current and reliable sources. This data is supplied without warranty, expressed or implied, regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.

END OF SDS