

1 Identification

· Product identifier

· Trade name: Veterinary Biologicals

Synonyms: Autogenous Bacterin; Autogenous Vaccine, Killed Virus; Autogenous Vaccine, Killed Virus, Autogenous Bacterin; Autogenous Killed Culture; Autogenous Virus, Killed Virus; Autogenous Virus, Killed Virus, Autogenous Killed Culture; including (but not limited to) *Streptococcus*, *Clostridium*, *Haemophilus*, *E.coli*, *Staphylococcus*, *Mannheimia*, *Actinobacillus*, *Salmonella*, *Campylobacter*, *Erysipelothrix*, *Mycoplasma*, *Histophilus*, *Bordetella*, *Pasteurella*, *Moraxella*, *Arcanobacterium*, *Branhamella*, *Fusobacterium*, *Bibersteinia*, *Trueperella*, *PRRSV*, *IAV-S*, *EHDV*, *BTV*, *Rotavirus*, *Teschovirus*

· Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

· Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

Newport Laboratories

1520 Prairie Drive

Worthington, MN 56187

· Emergency telephone number: 1-800-220-2522

2 Hazard(s) identification

· Classification of the substance or mixture



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

· Label elements

· GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms GHS07, GHS08

· Signal word Warning

· Hazard-determining components of labeling:

formaldehyde

· Hazard statements

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P280 Wear protective gloves.

P272 Contaminated work clothing must not be allowed out of the workplace.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P321 Specific treatment (see on this label).

P363 Wash contaminated clothing before reuse.

P308+P313 IF exposed or concerned: Get medical advice/attention.

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P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P302+P352 If on skin: Wash with plenty of water.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Classification system:

- NFPA ratings (scale 0 - 4)



Health = 1
Fire = 0
Reactivity = 0

- HMIS-ratings (scale 0 - 4)

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

- Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures

- Components:

50-00-0	formaldehyde ☒ T R23/24/25; ☒ C R34; ☒ Xn R40; ☒ Xi R43 Carc. Cat. 3 ☒ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ☒ Carc. 2, H351; ☒ Skin Corr. 1B, H314; ☒ Skin Sens. 1, H317	>0.1 - <0.5%
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- Additional information:

Formaldehyde may be used in the above-listed products.

Gentamicin, Amphotericin B, or Polymyxin B may be used in the above-listed products as antibiotic preservatives.

The specific chemical identity of the adjuvant is withheld as a trade secret.

4 First-aid measures

- Description of first aid measures

- General information: No special measures required.

- After inhalation:

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

- After skin contact: Immediately wash with water and soap and rinse thoroughly.

- After eye contact:

Rinse opened eye for a minimum of 15 minutes under running water. Get medical attention immediately.

- After swallowing: Immediately call a doctor.

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· Most important symptoms and effects, both acute and delayed

In case of symptomatic effect provide treatment to maintain life functions.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

· Extinguishing media

· Suitable extinguishing agents: Water

· Special hazards arising from the substance or mixture No further relevant information available.

· Advice for firefighters

· Protective equipment: Self-contained breathing apparatus and full protective equipment.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.

· Environmental precautions: No special measures required.

· Methods and material for containment and cleaning up:

Dispose of contaminated material as waste according to section 13.

To clean spills or contamination use 1:30 dilution of household bleach.

· Reference to other sections No dangerous substances are released.

7 Handling and storage

· Precautions for safe handling Avoid contact with eyes and skin. Wash thoroughly after handling.

· Information about protection against explosions and fires: No special measures required.

· Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles: Store only in the original container.

· Information about storage in one common storage facility: Not required.

· Further information about storage conditions:

Store in a cool, dry, well ventilated place.

Avoid high temperature and freezing of liquid.

· Recommended storage temperature: 2-7 °C (35-45°F)

· Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7.

· Control parameters

· Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· Additional information: The lists that were valid during the creation were used as basis.

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- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.
 Avoid contact with the eyes and skin.
 Do not eat, drink, smoke or inhale.
 Do not store food in the working area.
- **Breathing equipment:**
 Wear NIOSH approved respiratory whenever exposure limits of formaldehyde are exceeded.
- **Protection of hands:** Latex gloves or gloves providing greater protection are required.
- **Eye protection:** Safety glasses

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Liquid
Color:	White, clear, or brown
Odor:	Odorless
- **pH-value:** 6-8
- **Change in condition**
 - Melting point/Melting range:** Undetermined.
 - Boiling point/Boiling range:** Undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Product is not flammable.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Specific gravity:** Not determined.
- **Solubility in / Miscibility with Water:** Soluble.
- **Organic solvents:** 0.0 %
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.

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- Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects**

- Acute toxicity:**

- Primary irritant effect:**

- on the skin:** No irritating effect known.

- on the eye:** No irritating effect known.

- Sensitization:** No sensitizing effects known.

- Additional toxicological information:**

When used and handled according to specifications, 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.

- Carcinogenic categories**

- IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- NTP (National Toxicology Program)**

None of the ingredients is listed.

- OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- Toxicity**

- Aquatic toxicity:** No further relevant information available.

- Persistence and degradability** No further relevant information available.

- Bioaccumulative potential** No further relevant information available.

- Mobility in soil** No further relevant information available.

- Additional ecological information:**

- General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- Results of PBT and vPvB assessment**

- PBT:** Not applicable.

- vPvB:** Not applicable.

- Other adverse effects** No further relevant information available.

13 Disposal considerations

- Waste treatment methods**

- Recommendation:** Disposal must be made according to official regulations.

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• Uncleaned packagings:

• Recommendation: Disposal must be made according to official regulations.

14 Transport information

• UN-Number	
• DOT, ADR, ADN, IMDG, IATA	Void
• UN proper shipping name	
• DOT, ADR, ADN, IMDG, IATA	Void
• Transport hazard class(es)	
• DOT, ADR, ADN, IMDG, IATA	
• Class	Void
• Packing group	
• DOT, ADR, IMDG, IATA	Void
• Environmental hazards:	
• Marine pollutant:	No
• Special precautions for user	Not applicable.
• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
• UN "Model Regulation":	-

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture
• SARA

• Section 355 (extremely hazardous substances):

None of the ingredients are listed.

• Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

• TSCA (Toxic Substances Control Act):

None of the ingredients are listed.

• CA Proposition 65

• Chemicals known to cause cancer:

None of the ingredients are listed.

• Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

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· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenesis potential categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

· MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

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· Signal word Warning

· Hazard-determining components of labeling:

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· Hazard statements

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P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P302+P352 If on skin: Wash with plenty of water.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

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

· Date of preparation / last revision 03/31/2015 / -

· Abbreviations and acronyms:

Acute Tox. 3: Acute toxicity, Hazard Category 3

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

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Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Carc. 2: Carcinogenicity, Hazard Category 2

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