SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| Trade name or designation of the mixture | Vessels with Sodium Thiosulfate |
| Registration number | - |
| Synonyms | None. |
| Product code | 98-09220-00, 98-09221-00, 98-09223-00, 98-09588-00, 98-09203-00, 98-06159-00, 98-18739-00 |
| Issue date | 13-July-2020 |
| Version number | 01 |

1.2. Relevant identified uses of the substance or mixture and uses advised against

| Identified uses | Water microbiology. |
| Uses advised against | None known. |

1.3. Details of the supplier of the safety data sheet

Supplier

| Company name | IDEXX |
| Address | One IDEXX Drive Westbrook ME 04092 United States |
| Division | |
| Telephone | 1-207-556-0300 |
| e-mail | Safety@IDEXX.com |
| Contact person | Not available. |

1.4. Emergency telephone number

CHEMTREC 1-800-424-9300
(44)-870-8200418

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary

Exposure to powder or dusts may be irritating to eyes, nose and throat.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

| Hazard pictograms | None. |
| Signal word | None. |
| Hazard statements | The mixture does not meet the criteria for classification. |

Precautionary statements

| Prevention | Observe good industrial hygiene practices. |
| Response | Wash hands after handling. |
| Storage | Store away from incompatible materials. |
| Disposal | Dispose of waste and residues in accordance with local authority requirements. |

Supplemental label information

100 % of the mixture consists of component(s) of unknown acute oral toxicity. 100 % of the mixture consists of component(s) of unknown acute dermal toxicity. 100 % of the mixture consists of component(s) of unknown acute inhalation toxicity. 100 % of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 100 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

2.3. Other hazards

This mixture does not meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII.
SECTION 3: Composition/information on ingredients

3.2. Mixtures
The components are not hazardous or are below required disclosure limits.

List of abbreviations and symbols that may be used above
#: This substance has been assigned Union workplace exposure limit(s).
 M: M-factor
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

SECTION 4: First aid measures

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation
Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact
Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact
Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.

Ingestion
Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed
Dusts may irritate the respiratory tract, skin and eyes.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards
No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture
During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Specific methods
Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.

For emergency responders
Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions
Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up
Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. Stop the flow of material, if this is without risk.

Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4. Reference to other sections
For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Minimise dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Practice good housekeeping.
7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s)
Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological limit values
No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures
Follow standard monitoring procedures.

Derived no effect levels (DNELs)
Not available.

Predicted no effect concentrations (PNECs)
Not available.

8.2. Exposure controls
If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.

Individual protection measures, such as personal protective equipment

General information
Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin protection

- Hand protection
Wear appropriate chemical resistant gloves.

- Other
Wear suitable protective clothing.

Respiratory protection
Wear respirator with dust filter.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

Hygiene measures
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental exposure controls
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
Powder.

Physical state
Solid.

Form
Powder.

Colour
White

Odour
Not available.

Odour threshold
Not available.

pH
Not available.

Melting point/freezing point
Not available.

Initial boiling point and boiling range
Not available.

Flash point
Not available.

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Vapour pressure
Not available.

Vapour density
Not available.

Relative density
Not available.
### SECTION 10: Stability and reactivity

10.1. Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Material is stable under normal conditions.

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

10.4. Conditions to avoid
Avoid temperatures exceeding the decomposition temperature. Contact with incompatible materials.

10.5. Incompatible materials
Strong oxidising agents.

10.6. Hazardous decomposition products
No hazardous decomposition products are known.

### SECTION 11: Toxicological information

**General information**
Occupational exposure to the substance or mixture may cause adverse effects.

**Information on likely routes of exposure**
- **Inhalation**
  Dust may irritate respiratory system.
- **Skin contact**
  Dust or powder may irritate the skin.
- **Eye contact**
  Dust may irritate the eyes.
- **Ingestion**
  May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms**
Dusts may irritate the respiratory tract, skin and eyes.

**11.1. Information on toxicological effects**

- **Acute toxicity**
  Not known.
- **Skin corrosion/irritation**
  Due to partial or complete lack of data the classification is not possible.
- **Serious eye damage/eye irritation**
  Due to partial or complete lack of data the classification is not possible.
- **Respiratory sensitisation**
  Due to partial or complete lack of data the classification is not possible.
- **Skin sensitisation**
  Due to partial or complete lack of data the classification is not possible.
- **Germ cell mutagenicity**
  Due to partial or complete lack of data the classification is not possible.
- **Carcinogenicity**
  Due to partial or complete lack of data the classification is not possible.
- **Reproductive toxicity**
  Due to partial or complete lack of data the classification is not possible.
- **Specific target organ toxicity - single exposure**
  Due to partial or complete lack of data the classification is not possible.
- **Specific target organ toxicity - repeated exposure**
  Due to partial or complete lack of data the classification is not possible.
- **Aspiration hazard**
  Due to partial or complete lack of data the classification is not possible.
- **Mixture versus substance information**
  No information available.
- **Other information**
  Not available.

**12.1. Toxicity**
Due to partial or complete lack of data the classification for hazardous to the aquatic environment, is not possible.

**12.2. Persistence and degradability**
No data is available on the degradability of any ingredients in the mixture.

**12.3. Bioaccumulative potential**
No data available.
Partition coefficient n-octanol/water (log Kow) Not available.

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment This mixture does not meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII.

12.6. Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR 14.1. - 14.6.: Not regulated as dangerous goods.

RID 14.1. - 14.6.: Not regulated as dangerous goods.

ADN 14.1. - 14.6.: Not regulated as dangerous goods.

IATA 14.1. - 14.6.: Not regulated as dangerous goods.

IMDG 14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU regulations

Authorisations

Restrictions on use
Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended  
Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.  
Not listed.

Other EU regulations  
Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended  
Not listed.

Other regulations  
The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations  
Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

15.2. Chemical safety assessment  
No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

<table>
<thead>
<tr>
<th>List of abbreviations</th>
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<tbody>
<tr>
<td>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</td>
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<td>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</td>
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<td>CAS: Chemical Abstract Service.</td>
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<td>CEN: European Committee for Standardization.</td>
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<td>IATA: International Air Transport Association.</td>
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<td>IBC: Intermediate Bulk Container.</td>
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<td>IMDG: International Maritime Dangerous Goods.</td>
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<td>PBT: Persistent, bioaccumulative, toxic.</td>
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<td>RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.</td>
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<td>STEL: Short term exposure limit.</td>
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<td>TWA: Time Weighted Average.</td>
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<td>vPvB: Very persistent and very bioaccumulative.</td>
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<tr>
<th>Information on evaluation method leading to the classification of mixture</th>
<th>The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.</th>
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<tbody>
<tr>
<td>Full text of any H-statements not written out in full under Sections 2 to 15</td>
<td>None.</td>
</tr>
<tr>
<td>Revision information</td>
<td>None.</td>
</tr>
<tr>
<td>Training information</td>
<td>Follow training instructions when handling this material.</td>
</tr>
<tr>
<td>Disclaimer</td>
<td>IDEXX cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user’s responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.</td>
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