



## SAFETY DATA SHEET

### 1. Identification of the Substance and Company

#### Spor-Klenz Concentrate

Hard Surface Antimicrobial

**Product No. 6520**

**MSDS No. 6520**

**Prepared by: M. Ebers**

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### 2. Composition/Information on Ingredients

Hazardous Component(s)	EEC No.	CAS No.	% By Wt.	Symbol	R Phrases
Hydrogen Peroxide	231-765-0	7722-84-1	22.0	C	34
Peracetic acid	201-186-8	79-21-0	4.5	Xi / N	7, 36/37/38, 50
Acetic acid	200-580-7	64-19-7	< 10	NA	NA

### 3. Hazard Identification: Corrosive and an oxidizer.

### 4. First Aid Measures

**Eye and Skin:** Flush with large amounts of water for at least 15-20 minutes. Remove contact lenses, if present, after the first five (5) minutes, then continue rinsing. If burn or irritation has occurred, seek medical attention. If clothing is contaminated, remove clothing, wash skin and wash clothing before reusing.

**Ingestion:** If swallowed, sip a glass of water if able to swallow. Do not attempt to induce vomiting.

**Inhalation:** If inhaled, move to fresh air.

### 5. Fire-Fighting Measures

**Flash Point:** NA

**Extinguishing Media:** Suitable for surrounding fire - water, foam, dry chemical, CO<sub>2</sub>.

**Special Fire Fighting Procedures:** As with any chemical fire, the use of a self-contained breathing apparatus and full protective equipment is recommended.

### 6. Accidental Release Measures

Put on eye protection, protective gloves, boots, clothing and a respirator if air contamination is above the permitted levels. Contain the spill and neutralize with sodium bicarbonate or sodium carbonate. If allowed by federal, state or local regulatory authority, flush spill to the sewer. If mops, towels, paper towels or similar material is used, insure that these items are thoroughly rinsed with copious amounts of water. Do not reuse the liquid material.

### 7. Handling and Storage

**7.1 Handling:** Keep container closed, but vented when not in use.

**7.2 Storage:** Store in a cool, dry place below 75F(24C). Store unused product in original closed container, out of reach of children. Once the product has been removed, do not return to the original container.

### 8. Exposure Control/Personal Protection

#### 8.1 Occupational Exposure Limits

Hydrogen peroxide: ACGIH TLV and OSHA PEL = 1 ppm; UK HSE EH40 STEL = 2 ppm; IDLH = 75 ppm

Acetic acid: ACGIH TLV and OSHA PEL=10 ppm; UK HSE EH40 STEL=15 ppm; UK HSE EH40 LTEL=10 ppm

#### 8.2 Personal Protection

**Eye Protection:** Safety glasses/goggles/full face shield.

**Protective Gloves:** Rubber or plastic.

**Other Protective Clothing and Equipment:** Rubber apron and rubber boots.

**Ventilation:** Use only in well-ventilated area. If air contamination is above the permitted levels, use an NIOSH approved respirator.

### 9. Physical and Chemical Properties

**Solubility in Water:** Complete

**Appearance/Odor:** Clear colorless liquid/acid odor.

**Specific Gravity:** 1.13

**pH (as distributed):** 0.5-1.1

### 10. Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Incompatible Materials:** Heavy metals including iron, copper, copper alloys, brass and aluminum, salts, flammable organics, alkalis, caustics, chlorine and formaldehyde.

**Conditions to Avoid:** Avoid temperatures above 75F (24C).

**Hazardous Decomposition or Byproducts:** Oxygen and heat. Do not mix with chlorinated products as this could liberate toxic corrosive chlorine gas.

### 11. Toxicological Information

#### 11.1 Acute (Primary Routes of Exposure)

**Eyes:** Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision.

**Skin:** Can cause irritation or severe burns, including oxidation (i.e., whitening of the skin) or burns.

**Inhalation:** May cause mild irritation to serious damage of the upper respiratory tract, depending on severity of exposure. Symptoms may include sneezing, sore throat or runny nose. Inhalation LD<sub>50</sub> is <13,439 mg/m<sup>3</sup>.

**Ingestion:** May cause severe burns of mouth, throat and stomach. Severe scarring of tissue may result. Symptoms may include bleeding, vomiting, diarrhea, fall in blood pressure. Oral LD<sub>50</sub> (male rats) is 2.10 g/kg.

**11.2 Long Term Exposure: Carcinogenicity:** IARC, NTP and OSHA do not list this product or its ingredients as carcinogens.

**12. Ecological Information:** This product is toxic to birds, fish and aquatic invertebrates.

**13. Disposal Considerations:** Do not contaminate ponds, waterways or ditches with chemical or used containers. Empty containers should be rinsed thoroughly and discarded in an appropriate waste container. Disposal of unused product should be done in accordance with local and federal regulations. Product may be flushed to a sanitary sewer with copious amounts of water, if in accordance with state, local and federal regulations. For additional guidance, contact the State Water Board or the Regional Office of the EPA.

### 14. Transport Information

**Ground:** Hydrogen peroxide and Peroxyacetic acid Mixture Stabilized, 5.1(Oxidizer), 8 (Corrosive), UN3149, PGII  
**Road/Rail: ADR/RID Class:** UN3149, Hydrogen peroxide and Peroxyacetic acid Mixture Stabilized, Oxidizer, Corrosive, 5.1, 8, PGII

**Sea: IMDG Class:** Hydrogen peroxide and Peroxyacetic acid Mixture, Oxidizer, Corrosive, 5.1, 8, UN3149, PGII

**Air: ICAO/IATA Class:** Product containers are vented; therefore, product cannot be shipped by air.

### 15. Regulatory Information ; EPA Registration Number: 52252-4-1043

**EU Regulations:** This preparation is classified as dangerous as defined by the UK Chemicals (Hazard Information and Packaging for Supply) Regulations. These regulations implement a number of EC Directives including the Dangerous Substances Directive (67/548/EEC and amendments), the Dangerous Preparations Directive (1999/45/EEC and amendments) and the Safety Data Sheets Directive (91/155/EEC and amendment).

**EEC Classification:** CORROSIVE / DANGEROUS FOR THE ENVIRONMENT

**Hazard Symbol:** C / N

**Risk Phrases:** R34: Causes burns, R50: Very toxic to aquatic animals.

**Safety Phrases:** S2: Keep out of reach of children. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39: Wear suitable protective clothing, gloves and full eye/face protection. S45: In case of accident or if you feel unwell seek medical advice immediately (show label where possible). S50: Do not mix with chlorine. S61: Avoid release to the environment. Refer to special instructions/safety data sheet.

**16. Other Information:** The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.

NA - Not Applicable

ND - No Data