SAFETY DATA SHEET

1. Identification

Product identifier

Product Name
HOOVER OXY PET CARPET CLEANER

Other means of identification

Product Code(s)
AH31955 AH31992 AH31955CA

Synonyms
None

Recommended use of the chemical and restrictions on use

Recommended use
Carpet cleaner

Restrictions on use
Uses other than those identified are not recommended

Details of the supplier of the safety data sheet

Supplier Address
Royal Appliance Mfg. Co. d/b/a TTI Floor Care North America
8405 IBM Drive
Charlotte, NC 28262

Emergency telephone number

Company Phone Number
(800)-944-9200

Emergency Telephone
(800) 513-656-5114 (Poison Control)

2. Hazard(s) identification

Classification

Skin corrosion/irritation
Category 2

Serious eye damage/eye irritation
Category 1

Hazards not otherwise classified (HNOC)
Not applicable

Label elements

Danger

Hazard statements
Causes skin irritation
Causes serious eye damage
Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/eye protection/face protection

Precautionary Statements - Response
Specific treatment (see . ? on this label)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing immediately call a POISON CENTER or doctor
IF ON SKIN: Wash with plenty of water and soap
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse

Unknown acute toxicity
1.4269 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
1.4269 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
1.4269 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
1.4269 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Other information
No information available.

3. Composition/information on ingredients

Substance
Not applicable.

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>5 &lt; 10</td>
<td>*</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>3 - &lt; 5</td>
<td>*</td>
</tr>
<tr>
<td>1-Octanamine, N,N-dimethyl-, N-oxide</td>
<td>2605-78-9</td>
<td>1 - &lt; 3</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General advice
Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Inhalation
Remove to fresh air. Get medical attention immediately if symptoms occur.

Eye contact
Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

Skin contact
Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical
5. Fire-fighting measures

Suitable Extinguishing Media
- Use extinguishing measures that are appropriate to local circumstances and the
  surrounding environment.
- Large Fire
  CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media
- Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical
- No information available.

Explosion data
- Sensitivity to mechanical impact: None.
- Sensitivity to static discharge: None.

Special protective equipment and precautions for fire-fighters
- Firefighters should wear self-contained breathing apparatus and full firefighting turnout
gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
- Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
  Ensure adequate ventilation.

Other information
- Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment
- Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
- Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling
- Handle in accordance with good industrial hygiene and safety practice. Avoid contact with
  skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off
  contaminated clothing and wash before reuse.
8. Exposure controls/personal protection

Control parameters

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>TWA: 1 ppm</td>
<td>TWA: 1 ppm</td>
<td>IDLH: 75 ppm</td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td>TWA: 1.4 mg/m³</td>
<td>TWA: 1 ppm</td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 1 ppm</td>
<td>(vacated) TWA: 1.4 mg/m³</td>
<td>TWA: 1.4 mg/m³</td>
</tr>
</tbody>
</table>

Biological occupational exposure limits
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls
Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection
Tight sealing safety goggles.

Hand protection
Wear suitable gloves. Impervious gloves.

Skin and body protection
Wear suitable protective clothing. Long sleeved clothing.

Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations
Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state
Liquid

Appearance
Clear

Color
Colorless

Odor
Fresh Linen

Odor threshold
No information available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>4.0 - 6.0</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 93.3 °C / 200 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>
10. Stability and reactivity

Reactivity
No information available.

Chemical stability
Stable under normal conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to avoid
None known based on information supplied.

Incompatible materials

Hazardous decomposition products
None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product information

<table>
<thead>
<tr>
<th>Route</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.</td>
</tr>
</tbody>
</table>

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

Acute toxicity
Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 12,774.60 mg/kg

**ATEmix (inhalation-dust/mist)** 53.30 mg/l

**Unknown acute toxicity**

1.4269 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
1.4269 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
1.4269 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
1.4269 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>= 1400 mg/kg</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>68439-46-3</td>
<td>(Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>= 1518 mg/kg</td>
<td>= 9200 mg/kg (Rabbit)</td>
<td>= 2000 mg/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>7722-84-1</td>
<td>(Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Classification based on data available for ingredients. Irritating to skin.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>A3</td>
<td>Group 3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend**

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Target organ effects** Respiratory system, Eyes, Skin.

**Aspiration hazard** No information available.

**Other adverse effects** No information available.
12. Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>-</td>
<td>LC50: 16.4mg/L (96h, Pimephales promelas)</td>
<td>-</td>
<td>EC50: 18 - 32mg/L (48h, Daphnia magna)</td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td>LC50: 18 - 56mg/L (96h, Lepomis macrochirus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50: 10.0 - 32.0mg/L (96h, Oncorhynchus mykiss)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability
No information available.

Bioaccumulation
There is no data for this product.

Other adverse effects
No information available.

13. Disposal considerations

Waste treatment methods
Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Waste from residuesunused products
Do not reuse empty containers.

Contaminated packaging
This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. Transport information

DOT
Not regulated

IMDG
Not regulated

15. Regulatory information

International Inventories

| TSCA | Listed. |
| DSL/NDLS | Listed on DSL. |
| EINECS/ELINCS | Contact supplier for inventory compliance status. |
| ENCS | Contact supplier for inventory compliance status. |
| IECSC | Contact supplier for inventory compliance status. |
| KECL | Contact supplier for inventory compliance status. |
| PI/CCS | Contact supplier for inventory compliance status. |
| AICS | Contact supplier for inventory compliance status. |
Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/INDS - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECS - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td></td>
<td>1000 lb</td>
<td></td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>7732-18-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

U.S. EPA Label Information

EPA Pesticide Registration Number  Not applicable

16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td>2</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Key or legend to abbreviations and acronyms used in the safety data sheet
Key literature references and sources for data used to compile the SDS
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial ChemicalsNotification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLMDIP)
National Library of Medicine's PubMed database (NLMPUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Issuing Date 22-Mar-2021
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Revision Note No information available.

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet