SAFETY DATA SHEET

Issuing Date 09-Dec-2020
Revision date 04-Jun-2021
Revision Number 1

1. Identification

Product identifier

Product Name
HOOVER PAWS AND CLAWS CARPET CLEANER

Other means of identification

Product Code(s)
AH31925 AH31925CA AH31933 AH31933CA AH31981 AH31983

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

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard statements

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

The product contains no substances which at their given concentration, are considered to be hazardous to health.
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, C12-14, ethoxylated propoxylated</td>
<td>68439-51-0</td>
<td>1 - &lt; 3</td>
<td>*</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</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

- **Inhalation**: Remove to fresh air.
- **Eye contact**: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- **Skin contact**: Wash skin with soap and water.
- **Ingestion**: Rinse mouth.

Most important symptoms and effects, both acute and delayed

- **Symptoms**: No information available.

Indication of any immediate medical attention and special treatment needed

- **Note to physicians**: Treat symptomatically.

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
Ensure adequate ventilation.

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

Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep container tightly closed in a dry and well-ventilated place.

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>
</table>
| 2-Butoxyethanol 111-76-2 | TWA: 20 ppm | TWA: 50 ppm  
TWA: 240 mg/m³  
(vacated) TWA: 25 ppm  
(vacated) TWA: 120 mg/m³  
(vacated) S*  
S* | IDLH: 700 ppm  
TWA: 5 ppm  
TWA: 24 mg/m³ |

Biological occupational exposure limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol 111-76-2</td>
<td>200 mg/g creatinine - urine (Butoxyacetic acid with hydrolysis) - end of shift</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering controls
Showers  
Eyewash stations  
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection
No special protective equipment required.
Skin and body protection  No special protective equipment required.

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  Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>8.2 - 8.9</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>CC (closed cup)</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>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.9848 - 1.0250</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Softening point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Liquid Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information 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  None known based on information supplied.
11. Toxicological information

Information on likely routes of exposure

**Inhalation**
Specific test data for the substance or mixture is not available.

**Eye contact**
Specific test data for the substance or mixture is not available.

**Skin contact**
Specific test data for the substance or mixture is not available.

**Ingestion**
Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms**
No information available.

**Acute toxicity**

**Numerical measures of toxicity**

<table>
<thead>
<tr>
<th>Component information</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C12-14, ethoxylated propoxylated 68439-51-0</td>
<td>= 3530 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-Butoxyethanol 111-76-2</td>
<td>= 470 mg/kg (Rat)</td>
<td>= 435 mg/kg (Rabbit)</td>
<td>= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h</td>
</tr>
</tbody>
</table>

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

**Skin corrosion/irritation**
No information available.

**Serious eye damage/eye irritation**
No information available.

**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>2-Butoxyethanol 111-76-2</td>
<td>A3</td>
<td>Group 3</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  Liver, Kidney, Respiratory system, Eyes, Skin, Central nervous system, Blood, hematopoietic system.

Aspiration hazard  No information available.

Other adverse effects  No information available.

Interactive 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>2-Butoxyethanol 111-76-2</td>
<td>-</td>
<td>LC50: =1490mg/L (96h, Lepomis macrochirus) LC50: =2950mg/L (96h, Lepomis macrochirus)</td>
<td>-</td>
<td>EC50: &gt;1000mg/L (48h, Daphnia magna)</td>
</tr>
</tbody>
</table>

Persistence and degradability  No information available.

Bioaccumulation  There is no data for this product.

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol 111-76-2</td>
<td>0,81</td>
</tr>
</tbody>
</table>

Other adverse effects  No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products  Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging  Do not reuse empty containers.

14. Transport information

DOT  Not regulated

IMDG  Not regulated
15. Regulatory information

International Inventories

TSCA  Listed.
DSL/NDSL  Listed on DSL.
EINECS/ELINCS  Contact supplier for inventory compliance status.
ENCS  Contact supplier for inventory compliance status.
IECS  Contact supplier for inventory compliance status.
KECL  Contact supplier for inventory compliance status.
PICCS  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/NDSL - 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol - 111-76-2</td>
<td>1.0</td>
</tr>
</tbody>
</table>

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, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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 7732-18-5</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
HOOVER PAWS AND CLAWS CARPET CLEANER

111-76-2

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>0</th>
<th>Flammability</th>
<th>2</th>
<th>Instability</th>
<th>0</th>
<th>Special hazards</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>HNIS</td>
<td>Health hazards</td>
<td>0</td>
<td>Flammability</td>
<td>2</td>
<td>Physical hazards</td>
<td>0</td>
<td>Personal protection</td>
<td>X</td>
</tr>
</tbody>
</table>

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend: Section 8: Exposure controls/personal protection

TWA: TWA (time-weighted average) STEL: STEL (Short Term Exposure Limit)

Legend: Section 9: Physical and Chemical Properties

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 Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
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: 09-Dec-2020
Revision date: 04-Jun-2021
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