



Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 16-May-2018

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Buckeye Gum, Tar & Oil Remover

Other means of identification

SDS # BE-5365-CA

Product Code 5365
Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Rug and Carpet Spot Cleaner, Water Based

Uses Advised Against No information available

Details of the supplier of the safety data sheet

Initial Supplier Identifier

The Cleaning House
973 Barton St. E
Hamilton, ON L8L 3C4
905/547-2636

United States Supplier Address

Buckeye International, Inc.
2700 Wagner Place
Maryland Heights, MO 63043 USA
1-314-291-1900

24 hr Emergency Telephone Numbers

TRANSPORTATION - INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

MEDICAL - 1-651-632-8956 (International) 1-800-303-0441 (North America)

2. HAZARDS IDENTIFICATION

Appearance White opaque solution

Physical state Liquid

Odour Lemon fragrance

Classification

| | |
|---------------------------|------------|
| Skin corrosion/irritation | Category 2 |
| Skin sensitisation | Category 1 |
| Flammable Liquids | Category 3 |

Label Elements

Signal word
Warning

Hazard statements

Causes skin irritation
 May cause an allergic skin reaction
 Flammable liquid and vapour



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Avoid breathing dust/fume/gas/mist/vapours/spray
 Contaminated work clothing should not be allowed out of the workplace
 Ground and bond container and receiving equipment
 Use non-sparking tools
 Take action to prevent static discharges
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
 Keep container tightly closed
 Use explosion-proof electrical/ ventilating / lighting/ .? / equipment
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]
 If skin irritation or rash occurs: Get medical advice/attention
 Take off all contaminated clothing and wash it before reuse
 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Information

Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Chemical Name | CAS No | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|------------------|------------|----------|--|---|
| D-Limonene | 5989-27-5 | 10-30 | - | - |
| Glycol ether TPM | 25498-49-1 | 3-7 | - | - |

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

4. FIRST AID MEASURES

First Aid Measures

| | |
|-----------------------|--|
| General advice | Provide this SDS to medical personnel for treatment. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician. |
| Skin contact | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| Inhalation | Remove to fresh air. |
| Ingestion | Give two large glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention. |

Most important symptoms and effects

| | |
|-----------------|--|
| Symptoms | Causes skin irritation. May cause an allergic skin reaction. Nausea. Headache. |
|-----------------|--|

Indication of any immediate medical attention and special treatment needed

| | |
|------------------------|------------------------|
| Note to doctors | Treat symptomatically. |
|------------------------|------------------------|

5. FIREFIGHTING MEASURES

| | |
|---|--|
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | Not determined. |
| Specific hazards arising from the chemical | Flammable liquid and vapour. |
| Hazardous Combustion Products | Carbon oxides. |
| Explosion Data | |
| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge | None. |
| Special protective equipment 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 | Use personal protective equipment as required. |
|-----------------------------|--|

Environmental precautions

| | |
|----------------------------------|---|
| Environmental precautions | See Section 12 for additional Ecological Information. |
|----------------------------------|---|

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 with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic. Dispose of all contaminated trash in accordance with local regulations. |
| Prevention of secondary hazards | Clean contaminated objects and areas thoroughly observing environmental regulations. |

7. HANDLING AND STORAGE

Precautions for safe handling

| | |
|--------------------------------|---|
| Advice on safe handling | Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Ground/bond container and receiving equipment. Use non-sparking tools. Take action to prevent static discharges. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ ventilating / lighting / equipment. Wear protective gloves/protective clothing and eye/face protection. |
|--------------------------------|---|

Conditions for safe storage, including any incompatibilities

| | |
|-------------------------------|--|
| Storage Conditions | Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away from heat, sparks, flame. |
| Incompatible materials | Do not mix with chlorinated detergents (bleach) |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

| | |
|------------------------|---|
| Exposure Limits | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
|------------------------|---|

| Chemical Name | Canada - Alberta - Occupational Exposure Limits - Ceilings | Canada - British Columbia - Occupational Exposure Limits - Ceilings | Canada - Ontario - Occupational Exposure Limits - Ceilings | Quebec |
|------------------------------|---|--|--|---|
| Monoethanolamine 141-43-5 | TWA: 3 ppm TWA: 7.5 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³ | TWA: 3 ppm STEL: 6 ppm | TWA: 3 ppm STEL: 6 ppm | TWA: 3 ppm TWA: 7.5 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³ |

Appropriate engineering controls

| | |
|-----------------------------|---|
| Engineering controls | Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems. |
|-----------------------------|---|

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------|---|
| Eye/face protection | Wear safety glasses or goggles to protect against exposure. If necessary, refer to appropriate regulations and standards. |
| Skin and body protection | Wear rubber gloves or other impervious gloves. Footwear that keeps feet dry is suggested. If necessary, refer to appropriate regulations and standards. |

| | |
|---------------------------------------|---|
| Respiratory protection | No protective equipment is needed under normal use conditions. If necessary, refer to appropriate regulations and standards. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|------------------------|--------------------------|
| Physical state | Liquid |
| Appearance | White opaque solution |
| Colour | White |
| Odour | Lemon fragrance |
| Odour Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---------------------------------------|---------------------------|-------------------------|
| pH | 9.5 +/- 0.2 | |
| Melting point / freezing point | Not determined | |
| Boiling Point / Boiling Range | 100 °C / 212 °F | |
| Flash Point | 48.8 °C / 120 °F | |
| Evaporation Rate | 1.0 | (Water = 1) |
| Flammability (Solid, Gas) | Liquid- Not Applicable | |
| Flammability Limit in Air | | |
| Upper Flammability Limit | 6.1% | |
| Lower Flammability Limit | 0.7% | |
| Vapour Pressure | Not determined | |
| Vapour Density | Not determined | |
| Relative Density | 0.96 | |
| Water Solubility | Infinite | |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Autoignition temperature | Not determined | |
| Decomposition Temperature | Not determined | |
| Kinematic Viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive properties | No information available. | |
| Oxidising properties | No information available. | |

Other Information

| | |
|-------------------------|--------------------------|
| Softening Point | No information available |
| Molecular weight | No information available |
| VOC Content (%) | No information available |
| Density | No information available |
| Bulk Density | No information available |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | Not reactive under normal conditions. |
| Chemical Stability | Stable under recommended storage conditions. |
| Possibility of Hazardous Reactions | None under normal processing. |
| Hazardous Polymerisation | Hazardous polymerisation does not occur. |
| Conditions to Avoid | Keep out of reach of children. |
| Incompatible Materials | Do not mix with chlorinated detergents (bleach). |

Hazardous Decomposition Products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--------------------------|
| Eye contact | Avoid contact with eyes. |
| Skin contact | Causes skin irritation. |
| Inhalation | Do not inhale. |
| Ingestion | Do not ingest. |

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Numerical measures of toxicity

Not determined

Acute Toxicity

Unknown acute toxicity No information available

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------------|--|---|-----------------|
| Water 7732-18-5 | > 90 mL/kg (Rat) | - | - |
| D-Limonene 5989-27-5 | = 4400 mg/kg (Rat) = 5200 mg/kg (Rat) | > 5 g/kg (Rabbit) | - |
| Glycol ether TPM 25498-49-1 | = 3200 mg/kg (Rat) | = 15440 mg/kg (Rabbit) | - |
| Monoethanolamine 141-43-5 | = 1720 mg/kg (Rat) | = 1 mL/kg (Rabbit) = 1000 mg/kg (Rabbit) | - |

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

Respiratory or skin sensitisation May cause an allergic skin reaction.

Carcinogenicity Group 3 IARC components are "not classifiable as human carcinogens".

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|-------------------------|-------|---------|-----|------|
| D-Limonene 5989-27-5 | - | Group 3 | - | X |

Legend

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labour)

X - Present

12. ECOLOGICAL INFORMATION

| | |
|----------------------------------|---|
| Ecotoxicity | Very toxic to aquatic life with long lasting effects. |
| Persistence/Degradability | No information available. |
| Bioaccumulation | No information available. |
| Mobility | No information available. |
| 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

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

DOT Consumer Commodity, ORM-D

TDG

| | |
|-----------------------------|---------------------------------------|
| UN/ID No | UN1993 |
| Proper Shipping Name | Flammable liquid, n.o.s. (D-limonene) |
| Hazard Class | 3 |
| Packing Group | III |

IATA

| | |
|-----------------------------|---------------------------------------|
| UN/ID No | UN1993 |
| Proper Shipping Name | Flammable liquid, n.o.s. (D-limonene) |
| Hazard Class | 3 |
| Packing Group | III |

IMDG

| | |
|-----------------------------|---------------------------------------|
| UN/ID No | UN1993 |
| Proper Shipping Name | Flammable liquid, n.o.s. (D-limonene) |
| Hazard Class | 3 |
| Packing Group | III |

15. REGULATORY INFORMATION

REGULATORY INFORMATION

International Regulations

| | |
|---|----------------|
| Ozone-depleting substances (ODS) | Not applicable |
| Persistent Organic Pollutants | Not applicable |
| Export Notification requirements | Not applicable |

International Inventories

| Chemical Name | TSCA | DSL/NDL | EINECS/ELI NCS | ENCS | IECSC | KECL | PICCS | AICS |
|------------------|------|---------|-------------------|------|-------|------|-------|------|
| D-Limonene | X | X | X | X | X | X | X | X |
| Glycol ether TPM | X | X | X | X | X | X | X | X |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - 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

IECSC - 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

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| | | | | |
|-------------|-------------------------|-----------------------|--|---|
| NFPA | Health Hazards 2 | Flammability 2 | Instability 0 | Special Hazards Not determined |
| HMIS | Health Hazards 2 | Flammability 2 | Physical hazards Not determined | Personal Protection Not determined |

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)

STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

* Skin designation

Issue Date: 27-Dec-2011

Revision Date: 16-May-2018

Revision Note: Canadian Format.

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