



Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 03-Apr-2024

Version 6

1. IDENTIFICATION

Product identifier

Product Name Buckeye Glint

Other means of identification

SDS # BE-5509

Product Code 5509
UN/ID No UN1950

Recommended use of the chemical and restrictions on use

Recommended Use Aerosol Stainless Steel Cleaner.

Details of the supplier of the safety data sheet

Supplier Address

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

Emergency telephone number

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

2. HAZARDS IDENTIFICATION

Appearance Clear colorless spray

Physical state Aerosol

Odor Hydrocarbon

Classification

| | |
|----------------------|---------------|
| Skin sensitization | Category 1 |
| Aspiration toxicity | Category 1 |
| Aerosols | Category 1 |
| Gases under pressure | Liquefied gas |

Signal Word

Danger

Hazard statements

May cause an allergic skin reaction
May be fatal if swallowed and enters airways
Extremely flammable aerosol
Contains gas under pressure; may explode if heated



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
 Contaminated work clothing must not be allowed out of the workplace
 Wear protective gloves/protective clothing/eye protection/face protection
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Pressurized container: Do not pierce or burn, even after use
 Do not spray on an open flame or other ignition source

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of water and soap
 If skin irritation or rash occurs: Get medical advice/attention
 Wash contaminated clothing before reuse
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up
 Protect from sunlight. Store in a well-ventilated place
 Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No | Weight-% |
|---|-------------|-------------|
| Petroleum distillates, hydrotreated light | 64742-47-8 | 5-10 |
| Propane | 74-98-6 | 2-8 |
| N-Butane | 106-97-8 | 2-8 |
| Fragrance | Proprietary | 0.5-2 |
| Sodium Nitrite | 7632-00-0 | <1 |
| Citrus Terpenes | 5989-27-5 | <1 |
| Diethanolamine | 111-42-2 | <0.5 |
| Acetone | 67-64-1 | Proprietary |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of 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. If irritation develops or persists, seek medical attention. |

| | |
|---------------------|---|
| Skin Contact | Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| Inhalation | Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, seek medical attention. |
| Ingestion | Immediately call a poison center or doctor/physician. Do NOT induce vomiting. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------------|--|
| Symptoms | May cause an allergic skin reaction. May be fatal if swallowed and enters airways. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. |
|-----------------|--|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Foam. Dry chemical. Water spray (fog).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Extremely flammable aerosol. Do not expose to temperatures exceeding 50 °C/122°F. In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products Carbon oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|---|
| Personal Precautions | Use personal protective equipment as required. Remove all sources of ignition. Avoid inhalation of vapors/spray and contact with skin and eyes. |
|-----------------------------|---|

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 Clean-Up | Pick up with mop or absorbent material. Clean area with detergent solution followed by a clear water rinse. Allow floor to dry before allowing traffic. Dispose of contents/container to an approved waste disposal plant. |

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Store away from heat, sparks, flame. Protect from freezing. Do not puncture or incinerate container. Do not expose to temperatures exceeding 50 °C/122°F. Avoid food contamination.

Incompatible Materials

Strong oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|----------------------------|---|--|--|
| N-Butane 106-97-8 | STEL: 1000 ppm explosion hazard | (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³ | IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m ³ |
| Propane 74-98-6 | : See Appendix F: Minimal Oxygen Content, explosion hazard | TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ | IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ |
| Diethanolamine 111-42-2 | TWA: 1 mg/m ³ inhalable fraction and vapor S* | (vacated) TWA: 3 ppm (vacated) TWA: 15 mg/m ³ | TWA: 3 ppm TWA: 15 mg/m ³ |
| Acetone 67-64-1 | STEL: 500 ppm TWA: 250 ppm | TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm | IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³ |

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Risk of contact: Wear approved safety goggles. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection

Wear rubber gloves or other impervious gloves. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection None normally required with adequate room ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|--|---|--------------------------------|----------------|
| Physical state | Aerosol | Odor | Hydrocarbon |
| Appearance | Clear colorless spray | Odor Threshold | Not determined |
| Color | Colorless | | |
| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> | |
| pH | No data available | | |
| Melting point / freezing point | No data available | | |
| Initial boiling point and boiling range | No data available | | |
| Flash point | -104.4 °C / -156 °F | (Propellant estimated) | |
| Evaporation Rate | Not determined | | |
| Flammability (Solid, Gas) | Not determined | | |
| Flammability Limit in Air | | | |
| Upper flammability or explosive limits | 9.5% | | |
| Lower flammability or explosive limits | 2.1% | | |
| Vapor Pressure | ca. 95 x 104 (Propane) | | |
| Vapor Density | ca. 1.56 @ 0°C (Propane) | | |
| Relative Density | Not determined | | |
| Water Solubility | Not determined | | |
| Solubility in other solvents | Not determined | | |
| Partition Coefficient | Not determined | | |
| Autoignition temperature | 450 °C (Propane) | | |
| Decomposition temperature | Not determined | | |
| Kinematic viscosity | 1.92 cSt @ 40°C (Distillates (petroleum), hydrotreated light) | | |
| Dynamic Viscosity | Not determined | | |
| Explosive Properties | Not an explosive | | |
| Oxidizing Properties | Not oxidizing | | |

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 Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Heat, sparks and open flames.

Incompatible materials

Strong oxidizers.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

| | |
|---------------------|---|
| Eye Contact | Avoid contact with eyes. |
| Skin Contact | Avoid contact with skin. |
| Inhalation | Avoid breathing vapors or mists. |
| Ingestion | May be fatal if swallowed and enters airways. |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|--|--------------------------|---------------------------------------|
| Petroleum distillates, hydrotreated light 64742-47-8 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat) 4 h |
| N-Butane 106-97-8 | - | - | = 658 g/m ³ (Rat) 4 h |
| Propane 74-98-6 | - | - | > 800000 ppm (Rat) 15 min |
| Citrus Terpenes 5989-27-5 | = 5200 mg/kg (Rat) = 4400 mg/kg (Rat) | > 5 g/kg (Rabbit) | - |
| Sodium Nitrite 7632-00-0 | = 85 mg/kg (Rat) | - | = 5.5 mg/L (Rat) 4 h |
| Diethanolamine 111-42-2 | = 780 mg/kg (Rat) | = 11.9 mL/kg (Rabbit) | - |
| Acetone 67-64-1 | = 5800 mg/kg (Rat) | > 15700 mg/kg (Rabbit) | = 50100 mg/m ³ (Rat) 8 h |
| Mineral Oil 8042-47-5 | > 5000 mg/kg (Rat) | - | - |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

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

Sensitization May cause an allergic skin reaction.

Carcinogenicity Group 3 IARC components are "not classifiable as human carcinogens". Nitrate or nitrite ingested under conditions that result in endogenous nitrosation are considered carcinogens.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|------------------------------|-------|----------|-----|------|
| Citrus Terpenes 5989-27-5 | | Group 3 | | X |
| Sodium Nitrite 7632-00-0 | | Group 2A | | X |
| Diethanolamine 111-42-2 | A3 | Group 2B | | X |

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

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

X - Present

Aspiration hazard

May be fatal if swallowed and enters airways.

Numerical measures of toxicity

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

| | |
|--------------------|------------------|
| Oral LD50 | 6,672.90 mg/kg |
| Dermal LD50 | 16,800.00 mg/kg |
| Gas | 1,451,360.60 ppm |

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

Component Information

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|---|----------------------|--|-----------|
| Light aliphatic solvent naphtha 64742-48-9 | | LC50: =2200mg/L (96h, Pimephales promelas) | |

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

| Chemical name | Partition coefficient |
|------------------------------|-----------------------|
| Propane 74-98-6 | 1.09 |
| N-Butane 106-97-8 | 2.31 |
| Sodium Nitrite 7632-00-0 | -3.7 |
| Citrus Terpenes 5989-27-5 | 4.38 |
| Diethanolamine 111-42-2 | -2.46 |
| Acetone 67-64-1 | -0.24 |

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

US EPA Waste Number

| Chemical name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|--------------------|------|-----------------------------------|------------------------|------------------------|
| Acetone 67-64-1 | | Included in waste stream: F039 | | U002 |

California Hazardous Waste Status

| Chemical name | California Hazardous Waste Status |
|------------------------------|-----------------------------------|
| Sodium Nitrite 7632-00-0 | Toxic Ignitable Reactive |
| Citrus Terpenes 5989-27-5 | Toxic |
| Acetone 67-64-1 | Ignitable |

14. TRANSPORT INFORMATION

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

DOT

UN/ID No UN1950
Proper Shipping Name Aerosols
Transport hazard class(es) 2.1

IATA

UN number or ID number UN1950
Proper Shipping Name Aerosols, flammable
Transport hazard class(es) 2.1

IMDG

UN number or ID number UN1950
Proper Shipping Name Aerosols
Transport hazard class(es) 2.1

15. REGULATORY INFORMATION

International Inventories

| Chemical name | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|--|------|-----------------------|----------|---------------|------|-------|------|-------|------|
| Petroleum distillates, hydrotreated light | X | ACTIVE | X | X | | X | X | X | X |
| N-Butane | X | ACTIVE | X | X | X | X | X | X | X |
| Propane | X | ACTIVE | X | X | X | X | X | X | X |
| Sodium Nitrite | X | ACTIVE | X | X | X | X | X | X | X |
| Citrus Terpenes | X | ACTIVE | X | X | X | X | X | X | X |
| Amide, Tall Oil Fatty, N,N-bis(hydroxyethyl) | X | ACTIVE | X | X | X | X | X | X | X |
| Diethanolamine | X | ACTIVE | X | X | X | X | X | X | X |
| Acetone | X | ACTIVE | X | X | X | X | X | X | X |
| Mineral Oil | X | ACTIVE | X | X | X | X | X | X | X |

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

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

US Federal Regulations

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)

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|-----------------------------|--------------------------|----------------|--|
| Sodium Nitrite 7632-00-0 | 100 lb | | RQ 100 lb final RQ RQ 45.4 kg final RQ |
| Diethanolamine 111-42-2 | 100 lb | | RQ 100 lb final RQ RQ 45.4 kg final RQ |
| Acetone 67-64-1 | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |

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

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|----------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium Nitrite | 100 lb | | | X |

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical name | California Proposition 65 |
|---------------|---------------------------|
| | |

| | |
|---------------------------|------------|
| Diethanolamine - 111-42-2 | Carcinogen |
|---------------------------|------------|

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| N-Butane 106-97-8 | X | X | X |
| Propane 74-98-6 | X | X | X |
| Sodium Nitrite 7632-00-0 | X | X | X |
| Diethanolamine 111-42-2 | X | X | X |
| Acetone 67-64-1 | X | X | X |

16. OTHER INFORMATION**NFPA****Health hazards****Flammability****Instability****Special hazards**

1

0

1

-

HMIS**Health hazards****Flammability****Physical hazards****Personal Protection**

-

-

-

Not determined

Issue Date:

27-Dec-2011

Revision Date:

03-Apr-2024

Revision Note:

Reformulation

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