



Safety Data Sheet

Issue Date: 27-Dec-2011

Revision Date: 12-Jul-2018

Version 2

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

SDS # BE-5545-EU
Product Code 5545
Product Name Buckeye Base Hit

Contains Petroleum gases, liquified, sweetened

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Aerosol Baseboard Stripper

1.3. Details of the Supplier of the Safety Data Sheet

Importer

UK Contact
Lewis Kirby, EU General Manager
25 Frances Brady Way
Kingston Upon Hull
HU9 3BW UK

Manufacturer

TSGE
TSGE@TSGEurope.com

Supplier

Buckeye International, Inc.
2700 Wagner Place
Maryland Heights, MO 63043 USA

For further information, please contact

Contact Point Lewis Kirby, EU General Manager: +4407792782066
Buckeye International, Inc.: 1-314-291-1900
Email Address info@buckeyeinternational.com

1.4. Emergency telephone number

Emergency Telephone (24 hr) 1-651-632-8956 (International)
1-800-303-0441 (North America)
INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Germ cell mutagenicity	Category 1B - (H340)
Carcinogenicity	Category 1A - (H350)
Gases Under Pressure	Compressed Gas - (H280)
Flammable aerosols	Category 1 - (H222)

2.2. Label Elements

Product Identifier

Contains Petroleum gases, liquified, sweetened

**Signal Word**

Danger

Hazard statements

H315 - Causes skin irritation
H318 - Causes serious eye damage
H340 - May cause genetic defects
H350 - May cause cancer
H280 - Contains gas under pressure; may explode if heated
H222 - Extremely flammable aerosol
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P281 - Use personal protective equipment as required
P264 - Wash face, hands and any exposed skin thoroughly after handling
P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P307 + P311 - IF exposed: Call a POISON CENTER or doctor/physician
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P362 - Take off contaminated clothing and wash before reuse
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P405 - Store locked up
P410 + P403 - Protect from sunlight. Store in a well-ventilated place
P412 - Do not expose to temperatures exceeding 50 °C/122°F
P501 - Dispose of contents/ container to an approved waste disposal plant
P273 - Avoid release to the environment

2.3. Other Hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 MIXTURES

Chemical Name	EC No	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Petroleum gases, liquified, sweetened	Present	68476-86-8	14	Muta. 1B (H340) Carc. 1A (H350) Flam. Gas 1 (H220) Press. Gas	Not determined
Butoxypropanol	Present	5131-66-8	<10	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	Not determined
Monoethanolamine	Present	141-43-5	3	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314)	Not determined

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General Advice	If exposed or concerned: Get medical advice/attention.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.
Skin Contact	Wash skin with soap and water. Take off contaminated clothing and wash it before reuse. If irritation persists, seek medical attention.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms	Causes skin irritation. Causes serious eye irritation. Prolonged breathing of vapors may cause nausea, headache, weakness and/or dizziness.
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4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat symptomatically.
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Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable Extinguishing Media

Not determined.

5.2. Special Hazards Arising from the Substance or Mixture

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. Nitrogen oxides (NOx).

5.3. Advice for Firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal Precautions, Protective Equipment and Emergency Procedures****Personal Precautions**

Use personal protection recommended in Section 8.

For Emergency Responders

Use personal protection recommended in Section 8.

6.2. Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS. See Section 12 for additional Ecological Information.

6.3. 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, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

6.4. Reference to Other Sections

See Section 13: DISPOSAL CONSIDERATIONS.

Section 7: HANDLING AND STORAGE**7.1. Precautions for Safe Handling****Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not contaminate water, food, or feed by storage or disposal. 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.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. 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. Store at room temperature. Keep from freezing. Store locked up. Do not puncture or incinerate container. Do not expose to temperatures exceeding 50 °C/122°F.

7.3. Specific End Use(s)**Specific Use(s)**

Aerosol baseboard stripper.

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control Parameters****Exposure Limits**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Monoethanolamine 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m ³ Skin	STEL: 3 ppm STEL: 7.6 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³ Skin	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³	S* STEL: 3 ppm STEL: 7.5 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³	TWA: 0.2 ppm TWA: 0.5 mg/m ³ H*
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Monoethanolamine 141-43-5	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³ Skin	STEL: 3 ppm STEL: 7.6 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³	Skin STEL: 7.6 mg/m ³ TWA: 2.5 mg/m ³	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³ Skin	TWA: 1 ppm TWA: 2.5 mg/m ³ Skin
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Monoethanolamine 141-43-5	Skin STEL 3 ppm STEL 7.6 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³	STEL: 4 ppm STEL: 10 mg/m ³ TWA: 2 ppm TWA: 5 mg/m ³	STEL: 7.5 mg/m ³ TWA: 2.5 mg/m ³	TWA: 1 ppm TWA: 2.5 mg/m ³ Skin STEL: 2 ppm STEL: 5 mg/m ³	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³ Skin

8.2. Exposure Controls**Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Personal Protective Equipment**Eye/Face Protection**

Risk of contact: Wear approved safety goggles.

Hand Protection

Rubber gloves.

Skin and Body Protection

Suitable protective clothing.

Respiratory Protection

No protective equipment is needed under normal use conditions.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on Basic Physical and Chemical Properties**

Physical state	Aerosol	Odor	Mild No fragrance added
Appearance	White foam	Odor Threshold	Not determined
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11.8 - 12.2 (conc. and use dilution)	
Melting point / freezing point	Not determined	
Boiling Point / Boiling Range	Not determined	
Flash Point	No flame extension, ASTM D3065	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper Flammability Limit	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Relative Density	1.00	
Water Solubility	Not determined	
Solubility(ies)	Not determined	
Partition Coefficient	Not determined	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Autoignition temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not reactive under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

Hazardous Polymerization

Hazardous polymerization does not occur.

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to Avoid

Keep separated from incompatible substances. Avoid heat, sparks, open flames and other ignition sources. Keep out of reach of children.

10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx).

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity

Product Information

Inhalation	Avoid breathing vapors or mists.
Eye Contact	Causes serious eye damage.
Skin Contact	Causes skin irritation.
Ingestion	Do not ingest.

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

ATEmix (oral)	32,428.93 mg/kg
ATEmix (dermal)	11,541.20 mg/kg
ATEmix (inhalation-dust/mist)	36.50 mg/L

Unknown Acute Toxicity

30 % of the mixture consists of ingredient(s) of unknown toxicity.

24 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

14 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

30 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

30 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

27 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Butoxypropanol	= 1900 mg/kg (Rat) = 5660 µL/kg (Rat)	= 3100 mg/kg (Rabbit)	
Monoethanolamine	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit) = 1000 mg/kg (Rabbit)	
Potassium Oleate	> 5 g/kg (Rat)	> 2 g/kg (Rat)	

Skin corrosion/irritation Not classified.

Serious eye damage/eye irritation Not classified.

Sensitization Not classified.

Germ cell mutagenicity May cause genetic defects.

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

Chemical Name	European Union
Petroleum gases, liquified, sweetened	Carc. 1A

Reproductive toxicity Not classified.

STOT - single exposure Not classified.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Monoethanolamine	15: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	3684: 96 h <i>Brachydanio rerio</i> mg/L LC50 static 114 - 196: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 227: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 200: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 300 - 1000: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static	65: 48 h <i>Daphnia magna</i> mg/L EC50

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Chemical Name	Partition Coefficient
Petroleum gases, liquified, sweetened	<=2.8
Monoethanolamine	-1.91

12.4. Mobility in Soil

Mobility

Not determined.

12.5. Results of PBT and vPvB Assessment

Not determined.

12.6. Other Adverse Effects

Not determined.

Section 13: DISPOSAL CONSIDERATIONS**13.1. Waste Treatment Methods**

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION**IMDG**

14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols
14.3 Hazard Class 2.1

RID

14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols
14.3 Hazard Class 2.1

ADR

14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols
14.3 Hazard Class 2.2

IATA

14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols, flammable
14.3 Hazard Class 2.1

Section 15: REGULATORY INFORMATION**15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****National Regulations**

France

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number	Title
Butoxypropanol 5131-66-8	RG 84	
Monoethanolamine 141-43-5	RG 49, RG 49bis	

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

Component	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Water 7732-18-5 (70)	X	X	X	X	X	X	X	X
Petroleum gases, liquified, sweetened 68476-86-8 (14)	X	X	X	X	-	X	X	X
Butoxypropanol 5131-66-8 (<10)	X	X	X	X	X	X	X	X
Monoethanolamine 141-43-5 (3)	X	X	X	X	X	X	X	X
Potassium Oleate 143-18-0 (<3)	X	X	X	X	X	X	X	X

Legend

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

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Section 16: OTHER INFORMATION**Safety Data Sheet Status**

The Risk Phrases/Hazard Statements listed below in Section 16 are related to the Raw Materials (ingredients) in the Product (as listed in Section 3) and NOT only the product itself. For the Risk Phrases/Hazard Statements relating to this Product see Section 2.

Full text of H-Statements referred to under section 3

H220 - Extremely flammable gas

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H314 - Causes severe skin burns and eye damage

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H340 - May cause genetic defects

H350 - May cause cancer

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

*

Skin designation

Classification Procedure

Calculation method

Issue Date:

27-Dec-2011

Revision Date: 12-Jul-2018

Revision Note: Regulatory update.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830

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