

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

<b>Product Information:</b>	1000057174
<b>Product Identifier:</b>	KLEENLINE PRO EDGE-OFF BASEBOARD STRIPPER
<b>Recommended Use:</b>	Cleaner
<b>Manufacturer/Importer/Distributor Information:</b>	BradyPLUS 7055 Lindell Rd Las Vegas, NV 89118  (877) 788-7587
<b>Emergency Telephone:</b>	1-800-424-9300

## 2. Hazard(s) identification

### Classification

Flammable Aerosol, category 1  
Skin Irritation, category 2  
Skin Sensitizer, category 1  
Eye Irritation, category 2A  
Acute Toxicity, Inhalation, category 4

### Label elements

#### HAZARD PICTOGRAMS



#### SIGNAL WORD

Danger

#### GHS HAZARD STATEMENTS

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

#### GHS PRECAUTIONARY STATEMENTS

##### Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.

P261	Avoid breathing dust, fumes, gas, mist, vapours, or spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves, eye protection, and face protection
<b>Response</b>	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
<b>Storage</b>	
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
<b>Disposal</b>	
P501	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other Information**

None

### 3. Composition/Information on Ingredients

**Mixtures**

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
2-Butoxyethanol	111-76-2	10-30
Butane	106-97-8	3-7
Propane	74-98-6	1-5
Oils, pine	8002-09-3	0.1-1.0
EDTA Tetrasodium Salt	64-02-8	0.1-1.0

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** Other components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

### 4. First-aid Measures

**SKIN CONTACT:** Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Wash skin thoroughly with soap and water for several minutes. If irritation occurs, get medical attention. Wash contact area thoroughly with soap and water. Get medical attention if irritation or rash develops or persists. Remove contaminated clothing. Launder clothing before re-use.

**EYE CONTACT:** Rinse immediately with plenty of water. Flush eyes with plenty of water for 15 minutes, while holding the eyelids apart. Check victim for contact lenses and remove if present. Get medical attention if irritation persists.

**INHALATION:** Move to fresh air. Remove victim to fresh air. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention if you feel unwell.

**INGESTION:** Rinse mouth.

**IMPORTANT SYMPTOMS:** Harmful if inhaled. May cause severe eye irritation. May cause skin irritation. May cause allergic skin reaction (sensitization.)

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:** Get medical attention if symptoms occur.

## 5. Fire-fighting Measures

**EXTINGUISHING MEDIA:** Use fire-extinguishing media appropriate for surrounding materials.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use water jet as an extinguisher, as this will spread the fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Extremely flammable aerosol. Contents under pressure. Keep away from ignition sources and open flames. Prolonged exposure to temperatures above 50°C / 122°F may cause cans to burst. Vapors may travel considerable distance to a source of ignition and flash back. Combustion may produce carbon dioxide and carbon monoxide.

**SPECIAL FIREFIGHTING PROCEDURES:** No data available

## 6. Accidental Release Measures

**PERSONAL PRECAUTIONS :** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Leaking cans should be placed in a plastic bag or open pail away from ignition sources until the pressure has dissipated. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

## 7. Handling and Storage

**HANDLING:** Keep away from sources of ignition - No smoking. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

**SAFE HANDLING ADVICE:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

**STORAGE:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

**NFPA 30B:** Aerosol Level 1

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
2-Butoxyethanol	20 ppm	N.E.	50 ppm	N.E.
Butane	N.E.	1000 ppm	N.E.	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.
Oils, pine	N.E.	N.E.	N.E.	N.E.
EDTA Tetrasodium Salt	N.E.	N.E.	N.E.	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

**ENGINEERING CONTROLS:** No data available

### Personal Protection

**EYE/FACE PROTECTION:** Wear goggles/face shield. Chemical safety goggles should be worn where contact is possible.

**SKIN PROTECTION:** Wear impervious gloves to prevent skin contact.

**RESPIRATORY PROTECTION:** Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

**HYGIENIC PRACTICES:** When using do not smoke. Observe good industrial hygiene practices.

## 9. Physical and Chemical Properties

**Appearance:**

<b>Physical State:</b>	Liquid
<b>Form:</b>	Spray Aerosol
<b>Color:</b>	Brown
<b>Odor:</b>	Pine
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	10.1 - 11.3
<b>Freeze Point, °C:</b>	No data available
<b>Boiling Point, °C:</b>	28
<b>Flash Point, °C:</b>	Not applicable to aerosols
<b>Flammability (solid, gas):</b>	Flammable Aerosol
<b>Evaporation Rate:</b>	No data available
<b>Combustibility:</b>	Supports Combustion
<b>Explosive Limits, %:</b>	1.1 - 25.0
<b>Vapor Pressure @20°C, PSI:</b>	67-77
<b>Relative Vapor Density:</b>	Heavier than Air
<b>Relative Density:</b>	0.923
<b>Solubility in Water:</b>	No data available
<b>Partition Coefficient, n-octanol/water:</b>	No data available
<b>Auto-ignition Temperature, °C:</b>	No data available
<b>Decomposition temperature, °C:</b>	No data available
<b>Kinematic Viscosity:</b>	< 14 mm <sup>2</sup> /s or cSt
<b>Particle Characteristics:</b>	No data available

## 10. Stability and Reactivity

**REACTIVITY:** Not reactive under normal conditions of use.

**STABILITY:** Material is stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available

**CONDITIONS TO AVOID:** Keep away from heat, sparks, flames, and other sources of ignition. Do not puncture or incinerate containers. Dropping containers may cause bursting.

**INCOMPATIBILITY:** No data available

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may produce carbon dioxide and carbon monoxide.

## 11. Toxicological Information

### Information on Likely Routes of Exposure

**SKIN CONTACT EFFECTS:** May cause irritation, drying, defatting of the skin and dermatitis. May cause an allergic skin reaction (sensitization) with itching, redness and hives.

**EYE CONTACT EFFECTS:** Contact may cause severe irritation with redness, tearing and pain.

**INHALATION EFFECTS:** Harmful if inhaled.

**INGESTION EFFECTS:** Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

**The following Chemicals are listed on IARC Monographs on the Evaluation of Carcinogenic Risk to Humans:**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC Listing</u>
5064-31-3	Trisodium Nitrotriacetate	IARC Group 2B,
123-91-1	1,4-Dioxane	IARC Group 2B,

**The following Chemicals are listed on the U.S. National Toxicology Program (NTP) Report on Carcinogens:**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>NTP Listing</u>
123-91-1	1,4-Dioxane	NTP Reasonably Anticipated to be Human Carcinogen

**The following Chemicals are listed on U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>OSHA Listing</u>
123-91-1	1,4-Dioxane	Present

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

<u>ATE ORAL</u>	2,119 mg/kg
<u>ATE DERMAL</u>	4,480 mg/kg
<u>ATE INHALATION</u>	48 mg/kg

**Acute Toxicity Values**

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
111-76-2	2-Butoxyethanol	500 mg/kg	1100 mg/kg	11 mg/l
106-97-8	Butane	5000 mg/kg	5000 mg/kg	658 mg/L Rat
74-98-6	Propane	5,000 mg/kg	5,000 mg/kg	100 mg/l
8002-09-3	Oils, pine	5,000 mg/kg	5,000 mg/kg	100 mg/l
64-02-8	EDTA Tetrasodium Salt	1,780 mg/kg	5,000 mg/kg	N.I.

N.I. = No Information

**Skin Corrosion & Irritation:**

<b>Product:</b>		No data available
<b>Components:</b>		
2-Butoxyethanol	111-76-2	Causes skin irritation.

**Serious Eye Damage & Irritation:**

<b>Product:</b>		No data available
<b>Components:</b>		
2-Butoxyethanol	111-76-2	Causes serious eye irritation.

**Respiratory or Skin Sensitization:**

<b>Product:</b>		No data available
<b>Components:</b>		
Oils, pine	8002-09-3	May cause an allergic skin reaction.

**STOT-Single Exposure:**

<b>Product:</b>	No data available
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**STOT-Repeated Exposure:**

<b>Product:</b>	No data available
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**Aspiration Hazard:**

**Product:** No data available

**Carcinogenicity:**

**Product:** No data available

**Reproductive Toxicity:**

**Product:** No data available

**Germ Cell Mutagenicity:**

**Product:** No data available

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** No data available

**PERSISTENCE:** No data available

**BIOACCUMULATE:** No data available

**MOBILITY IN SOIL:** No data available

**OTHER ECOLOGICAL:** No data available

## 13. Disposal Information

**DISPOSAL INFORMATION:** Consult with your local, regional and federal agencies for information on proper disposal.

**CONTAMINATED PACKAGING :** Consult with your local, regional and federal agencies for information on proper disposal.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No data available

**DOT**

<b>UN Number:</b>	UN1950
<b>Proper Shipping Name:</b>	AEROSOLS, FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.1
<b>Subsidiary Risk</b>	N/A
<b>Packing Group:</b>	N/A

**IATA**

<b>UN Number:</b>	UN1950
<b>Proper Shipping Name:</b>	AEROSOLS, FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.1
<b>Subsidiary Risk:</b>	N/A
<b>Packing Group:</b>	N/A

**IMDG**

<b>UN Number:</b>	UN1950
<b>Proper Shipping Name:</b>	AEROSOLS, FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.1
<b>Subsidiary Risk:</b>	N/A
<b>Packing Group:</b>	N/A

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

## 15. Regulatory Information

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<b>Chemical Name</b>	<b>CAS-No.</b>	<b>Wt %</b>
2-Butoxyethanol	111-76-2	22.79

**CHEMICAL INVENTORY STATUS:**

**TSCA**                      On or in compliance with the inventory

**DSL**                        All ingredients in this product are listed on the DSL or are exempt.

**CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:****WARNING**

This product can expose you to 1,4-Dioxane, which is known to the State of California to cause cancer, and Ethylene Glycol which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

<u>Chemical Name</u>	<u>CAS-No.</u>
Ethylene Glycol	107-21-1
1,4-Dioxane	123-91-1

## 16. Other Information

**Revision Date:**            10/31/2024

**Datasheet produced by:**    Regulatory Department

**Legend**

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where the product use and frequency of exposure exceeds that established for the labeled consumer use.

**Further Information**

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's and seller's control. Purchaser and user are responsible for determining the suitability of the product for a particular purpose, adopting precautions for the protection of property and persons, and compliance with all Federal, State, Provincial, and Local laws.

