



SAFETY DATA SHEET

Brakes Essentials Oven Cleaner

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Brakes Essentials Oven Cleaner
Product number	800-277-0107
Container size	750 ml
UFI	UFI: RVPJ-XHX5-2P7S-GW6E

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

Identified uses	Detergent. Oven cleaner
Uses advised against	Use only for intended applications. Not for Oral Consumption.

1.3. Details of the supplier of the safety data sheet

Supplier	Sysco GB, a trading name of Brake Bros Ltd, Ashford, Kent, TN25 4AG Sysco Foods Ireland UC, Ardagh Road, Newcastle West, Limerick, Ireland UK: +44 (0)345 606 9090, Ireland: +353 (0)69 20200 www.brake.co.uk
Contact person	For content of safety data sheet:, customer-service@sysco.com

1.4. Emergency telephone number

Emergency telephone	+44 (0)345 606 9090 (Office hours 7.30hrs to 18.00 hrs Monday to Friday)
National emergency telephone number	UK: In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 Ireland: National Poisons Information Centre Beaumont Hospital Tel: 01 809 2166 (8:00 a.m. to 10.00 p.m. 7 days a week) Tel: 01 809 2566 (health care professionals)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Met. Corr. 1 - H290
Health hazards	Skin Corr. 1B - H314
Environmental hazards	Not Classified

2.2. Label elements

Brakes Essentials Oven Cleaner

Hazard pictograms



Signal word

Danger

Hazard statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe vapour/ spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P234 Keep only in original packaging.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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/ doctor.
P390 Absorb spillage to prevent material damage.
P501 Dispose of contents/ container in accordance with national regulations.

Contains

SODIUM HYDROXIDE, D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

Detergent labelling

< 5% non-ionic surfactants

Supplementary precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Brakes Essentials Oven Cleaner

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >0.1% published by the European Chemicals Agency (ECHA) under article 57 of the REACH regulation (as amended). This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SODIUM HYDROXIDE	1-5%
CAS number: 1310-73-2	EC number: 215-185-5
Classification	
Met. Corr. 1 - H290	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	
D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES	1-5%
CAS number: 68515-73-1	EC number: 500-220-1
Classification	
Eye Dam. 1 - H318	
2-(2-BUTOXYETHOXY)ETHANOL	1-5%
CAS number: 112-34-5	EC number: 203-961-6
Classification	
Eye Irrit. 2 - H319	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention immediately. Provide eyewash station and safety shower.
Inhalation	Remove affected person from source of contamination. Get medical attention immediately.
Ingestion	Do not induce vomiting. Give plenty of water to drink. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Chemical burns must be treated by a physician. Get medical attention immediately.
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Brakes Essentials Oven Cleaner

Inhalation	Severe irritation of nose and throat. May cause an asthma-like shortness of breath.
Ingestion	This product is corrosive. Small amounts may cause serious damage. May cause chemical burns in mouth, oesophagus and stomach.
Skin contact	May cause serious chemical burns to the skin.
Eye contact	This product is corrosive. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision. Prolonged contact causes serious eye and tissue damage. Corneal damage.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically. Remove contaminated clothing immediately and wash skin with soap and water.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Contact with some metals eg. aluminium, zinc can produce flammable hydrogen gas. May generate heat.
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Hazardous combustion products	Aluminium. Zinc.
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5.3. Advice for firefighters

Protective actions during firefighting	Wear self-contained breathing apparatus with full facepiece.
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Special protective equipment for firefighters	Move containers from fire area if it can be done without risk. No specific firefighting precautions applicable when small quantities are involved in the fire.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
For non-emergency personnel	Avoid contact with skin, eyes and clothing. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Wear self-contained breathing apparatus. PVC or rubber gloves are recommended.
For emergency responders	Keep unnecessary and unprotected personnel away from the spillage. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions	Avoid release to the environment. Avoid discharge into drains or watercourses or onto the ground. Environmental Manager must be informed of all major spillages.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Small Spillages: Flush away spillage with plenty of water. Large Spillages: Stop leak if possible without risk. Use water spray to reduce vapours. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Do not allow runoff to sewer, waterway or ground. Collect and place in suitable waste disposal containers and seal securely. Collect in containers and seal securely. Remove containers and flush area with water.
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Brakes Essentials Oven Cleaner

6.4. Reference to other sections

Reference to other sections See Section 1 for emergency contact information. For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin, eyes and clothing. When using do not eat, drink or smoke. Provide adequate ventilation. For personal protection, see Section 8. Wash hands thoroughly after handling. Avoid release to the environment.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a well-ventilated place. Store away from the following materials: Acids. Oxidising materials.

Storage class Corrosive storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m³

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m³

WEL = Workplace Exposure Limit.

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Industry - Inhalation; Long term local effects: 1.0 mg/m³
Consumer - Inhalation; Long term local effects: 1.0 mg/m³

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES (CAS: 68515-73-1)

DNEL Workers - Inhalation; Long term systemic effects: 420 mg/m³
Workers - Dermal; Long term systemic effects: 595000 mg/kg/day
General population - Inhalation; Long term systemic effects: 124 mg/m³
General population - Dermal; Long term systemic effects: 357000 mg/kg
General population - Oral; Long term systemic effects: 35.7 mg/kg

PNEC - Fresh water; 0.176 mg/l
- marine water; 0.0176 mg/l
- Intermittent release; 0.27 mg/l
- STP; 560 mg/l
- Sediment (Freshwater); 1.516 mg/l
- Sediment (Marinewater); 0.152 mg/l

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

Brakes Essentials Oven Cleaner

DNEL

Workers - Inhalation; Long term systemic effects: 67.5 mg/m³
 Workers - Inhalation; Long term local effects: 67.5 mg/m³
 Workers - Dermal; Long term systemic effects: 20 mg/kg/day
 General population - Inhalation; Long term systemic effects: 34 mg/m³
 General population - Inhalation; Long term local effects: 34 mg/m³
 General population - Inhalation; Short term local effects: 34 mg/m³
 General population - Inhalation; Short term local effects: 50.6 mg/m³
 General population - Dermal; Long term systemic effects: 10 mg/kg/day
 General population - Oral; Long term systemic effects: 1.25 mg/kg/day

PNEC

- Fresh water; 1 mg/l
 - marine water; 0.1 mg/l
 - Intermittent release; 3.9 mg/l
 - STP; 200 mg/l
 - Sediment (Freshwater); 4 mg/kg
 - Sediment (Marinewater); 0.4 mg/kg
 - Soil; 0.4 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Personal protection

This is not a Risk/COSHH assessment. Information contained in this document should be used to conduct a risk assessment.
 Information given in this document relates to the neat product as supplied. In use solutions are likely to have extreme pH values, thus use of gloves and eye protection is recommended where the assessment indicates a risk of exposure.

Eye/face protection

During the manufacture and filling of this product eye protection is recommended refer to EN166. In normal use, eye protection should be used if there is risk of eye contact (for examples splashing, dripping or leaking pumps/hoses).

Hand protection

Wear protective gloves. Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC). A break through time of >60 minutes is suggested. Gloves should be inspected regularly for damage.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Provide eyewash station and safety shower. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Particulate filter, type P2. Particulate filters should comply with European Standard EN143.

Environmental exposure controls

Avoid releasing into the environment. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Brakes Essentials Oven Cleaner

Appearance	Liquid.
Colour	Colourless.
Odour	Unperfumed.
Odour threshold	Not determined.
pH	pH (concentrated solution): >11.5
Melting point	Not applicable.
Initial boiling point and range	90 - 105 Degrees C.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not flammable. This product does not sustain combustion.
Upper/lower flammability or explosive limits	The product is not flammable or explosive.
Other flammability	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not applicable.
Relative density	1.060-1.080 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	Not technically possible for a mixture.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	No information available.
Explosive properties	There are no chemical groups present in the product that are associated with explosive properties.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
Comments	Information given is applicable to the product as supplied.
9.2. Other information	
Other information	Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Reactions with the following materials may generate heat: Strong acids. In contact with some metals can generate hydrogen gas, which can form explosive mixtures with air. Avoid contact with the following materials: Aluminium. Zinc. Tin.

10.2. Chemical stability

Brakes Essentials Oven Cleaner

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions The following materials may react violently with the product: Chlorohydrocarbons. Acids. Reactions with the following materials may generate heat:

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Acids. Ammonia. Chlorinated hydrocarbons. Aluminium. Tin. Zinc.

10.6. Hazardous decomposition products

Hazardous decomposition products Hydrogen.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological effects Information given is based on data of the components and of similar products.

Other health effects There is no evidence that the product can cause cancer.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Corrosive to skin and eyes. Calculation method.

Extreme pH ≥ 11.5 Corrosive to skin.

Serious eye damage/irritation

Serious eye damage/irritation Corrosivity to eyes is assumed.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

Brakes Essentials Oven Cleaner

STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
General information	Corrosive to skin and eyes.
Inhalation	Spray/mists may cause respiratory tract irritation. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach.
Skin contact	May cause serious chemical burns to the skin. Repeated exposure may cause skin dryness or cracking.
Eye contact	Causes burns. A single exposure may cause the following adverse effects: Corneal damage. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties	This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).
11.2.2 Other information	None known

Toxicological information on ingredients.

SODIUM HYDROXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,000.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.1

Species Rabbit

Skin corrosion/irritation

Skin corrosion/irritation Burning pain and severe corrosive skin damage.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Skin sensitisation

Skin sensitisation Not sensitising.

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,001.0

Species Rat

Brakes Essentials Oven Cleaner

ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rabbit

ATE dermal (mg/kg) 2,001.0

Skin sensitisation

Skin sensitisation Not sensitising. REACH dossier information.

Germ cell mutagenicity

Genotoxicity - in vitro REACH dossier information. Negative.

Genotoxicity - in vivo REACH dossier information. Negative.

2-(2-BUTOXYETHOXY)ETHANOL

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,764.0

Species Rabbit

ATE dermal (mg/kg) 2,764.0

SECTION 12: Ecological information

Ecotoxicity There are no data on the ecotoxicity of this product.

Ecological information on ingredients.

SODIUM HYDROXIDE

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

Acute aquatic toxicity

Acute toxicity - aquatic plants May cause long lasting harmful effects to aquatic life.

Acute toxicity - terrestrial Can cause damage to vegetation.

Ecological information on ingredients.

SODIUM HYDROXIDE

Acute aquatic toxicity

Acute toxicity - fish REACH dossier information.
LC₅₀, 96 hours: < 180 mg/l, Freshwater fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 40.4 mg/l, Freshwater invertebrates

Chronic aquatic toxicity

Brakes Essentials Oven Cleaner

Chronic toxicity - fish early life stage Not available.

Chronic toxicity - aquatic invertebrates Not available.

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 100.81 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 101 mg/l, Daphnia magna

Acute toxicity - microorganisms EC₅₀, 6 hours: >560 mg/l,

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 1 mg/l, Daphnia magna

2-(2-BUTOXYETHOXY)ETHANOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1300 mg/l, Lepomis macrochirus (Bluegill)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >100 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability Degrades very slowly in nature.

Ecological information on ingredients.

SODIUM HYDROXIDE

Persistence and degradability The product contains inorganic substances which are not biodegradable.

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

Biodegradation Water - Degradation 100%: 28 days

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient Not technically possible for a mixture.

Ecological information on ingredients.

SODIUM HYDROXIDE

Bioaccumulative potential No data available on bioaccumulation.

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

Partition coefficient log Pow: 1.72 REACH dossier information.

12.4. Mobility in soil

Brakes Essentials Oven Cleaner

Mobility The product is water-soluble and may spread in water systems.

Ecological information on ingredients.

SODIUM HYDROXIDE

Mobility The product is soluble in water.

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

Henry's law constant 0 Pa m³/mol @ 25°C

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Endocrine disrupting properties

Endocrine disrupting properties This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

Ecological information on ingredients.

SODIUM HYDROXIDE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

Results of PBT and vPvB assessment No data available.

12.7. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

SODIUM HYDROXIDE

Other adverse effects Not determined.

D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods The packaging must be empty (drop-free when inverted). Wash with plenty of water. Dispose of waste via a licensed waste disposal contractor. Reuse or recycle products wherever possible.

SECTION 14: Transport information

Brakes Essentials Oven Cleaner

14.1. UN number

UN No. (ADR/RID)	1824
UN No. (IMDG)	1824
UN No. (ICAO)	1824
UN No. (ADN)	1824

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (IMDG)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ICAO)	SODIUM HYDROXIDE SOLUTION
Proper shipping name (ADN)	SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C5
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

IMDG Code segregation group	18. Alkalis
EmS	F-A, S-B
ADR transport category	2
Emergency Action Code	2R
Hazard Identification Number (ADR/RID)	80

Brakes Essentials Oven Cleaner

Tunnel restriction code (E)

14.7. Maritime transport in bulk according to IMO instruments

Maritime transport in bulk according to IMO instruments Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

GB (UK) CLP and REACH Regulations.
 The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
 Control of Pollution (Special Waste) Regulations 1980 (as amended).
 The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
 EH40/2005 Workplace exposure limits.
 The Hazardous Waste Regulations 2005.
 The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).
 The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 696) (as amended).
 The Detergents Regulations 2010 (SI 2010 No. 740) (as amended). The Detergents (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 612) (as amended). The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 671) (as amended).
 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).
 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended)
 European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)
 European Regulation (EC) No 648/2004 on detergents (as amended)

Guidance

COSHH Essentials.
 Technical Guidance WM2: Hazardous Waste.
 ECHA Guidance on the Application of the CLP Criteria.
 ECHA Guidance on the compilation of safety data sheets.
 Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Brakes Essentials Oven Cleaner

Abbreviations and acronyms used in the safety data sheet	EWC European Waste Catalogue STOT RE = Specific target organ toxicity-repeated exposure PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. PNEC: Predicted No Effect Concentration. DNEL: Derived No Effect Level.
General information	Only trained personnel should use this material.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision. Review with no changes to classification Note: Finished product SDS take their revision history from the parent bulk liquid SDS. The revision data will show that of the parent liquid.
Revision date	02/03/2023
Revision	7
Supersedes date	07/11/2022
SDS number	23165
Hazard statements in full	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation.