

Brown Brothers Distribution Ltd

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Safety Data Sheet: Plastic Cleaner

Product Name	: Plastic Cleaner
Product Code	: BDPBPC500
Revision Date	: 19/08/2015
Revision Number	: 2

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

1.1. Product identifier

: Plastic Clean

Type of product : Cleaning product.**Format** : Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No

1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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

Application : Detergent.**Sector of use category** : SU 22; Professional uses: Public domain (administration, education, entertainment, services, craftsmen)**Article Category** : Not applicable.**Chemical product category** : PC35: Washing and cleaning products (including solvent based products)**Process category** : Not applicable.**Environmental release category** : ERC8c: Wide dispersive indoor use resulting in inclusion into or onto a matrix

SECTION 2 Hazards identification

Symptoms relating to use

- **Inhalation** : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

- **Skin contact** : Repeated or prolonged skin contact may cause irritation.

- **Eye contact** : May cause eye irritation.

- **Ingestion** : Ingestion may cause nausea, vomiting and diarrhea.

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Note : The information given in this chapter is valid for the undiluted product.

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : Xi; R36

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

• **Additional hazards**

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s)



: Xi : Irritant.

R Phrase(s) : R36 - Irritating to eyes.

S Phrase(s) : S23 - Do not breathe the gas.

S23 - Do not breathe spray.

S46 - If swallowed seek medical advice immediately and show this container or label.

S51 - Use only in well-ventilated areas.

Labelling Regulation EC 1272/2008 (CLP)

• **Hazard pictograms**



• **Hazard pictograms :** GHS07

• **Precautionary statements**

General : P000 - Handle in accordance with good industrial hygiene and safety procedures.

Prevention : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

Response : P337+P313 - If eye irritation persists: Get medical advice/attention

Storage : P404 - Store in a closed container.

2.3. Other hazards

Other hazards : None under normal conditions.

SECTION 3 Composition/information on ingredients

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3.1./3.2. Substance / Preparation

Substance / Preparation : Preparation.

Substances presenting a health or environmental hazard (regulation (EC) 1272/2008.)

:

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
Disodium metasilicate, 5Aq.	: Between 1 and 5 %	10213-79-3	229-912-9	014-010-00-8	----	C; R34 Xi; R37 ----- Skin Corr. 1B;H314 STOT SE3;H335
BUTOXYETHANOL	: Between 1 and 5 %	111-76-2	203-905-0	603-014-00-0	01-2119475108-36	Xn; R20/21/22 Xi; R36/38 ----- Acute Tox. 4 (Dermal);H312 Acute Tox. 4 (Inhalation);H332 Acute Tox. 4 (Oral);H302 Eye Irrit. 2;H319 Skin Irrit. 2;H315 STOT SE3; H335
Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
ISOPROPYL ALCOHOL	: Between 1 and 5 %	67-63-0	200-661-7	603-117-00-0	01-2119457558-25-XXXX	F; R11 R67 Xi; R36 ----- Flam. Liq. 2;H225 Eye Irrit. 2;H319 Not CLP
PPG-5-LAURETH-5	: Between 1 and 5 %	68439-51-0	polymer	-----	----	Not classified. (DSD/DPD) Undefined. (GHS)
TETRASODIUM EDTA	: Between 0.1 and 1 %	64-02-8	200-573-9	607-428-00-2	----	Xn; R22 Xi; R41 ----- Eye Dam. 1;H318 Acute Tox. 4 (Oral);H302
PENTASODIUM AMINOTRIMETHYLENE PHOSPHONATE	: Between 1 and 5 %	2235-43-0	218-791-8	-----	----	Not classified. (DSD/DPD) Not classified. (GHS)

SECTION 4 First aid measures

4.1. Description of first aid measures

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

See Heading 2.

Inhalation : Not expected to present a significant hazard under anticipated conditions of normal use.

Remove victim to fresh air.

Skin contact



: Rinse immediately with plenty of water.

Eye contact



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: In case of eye contact, immediately rinse with clean water for 10-15 minutes.

Ingestion : Do not induce vomiting. Administer lukewarm water or milk (ca. 200 ml.). If swallowed, rinse

mouth with water (only if the person is conscious).

Chronic toxicity (target organs) : None known.

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

Treat symptomatically.

SECTION 5 Firefighting measures

5.1. Extinguishing media

Special hazards arising from the : Not combustible.

substance or mixture

Surrounding fires



: Use water spray to cool exposed surfaces.

All known extinguishants can be used.

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters

No naked lights. No smoking.

SECTION 6 Accidental release measures

General information



: May be slippery if spilled.

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing and gloves.

6.2. Environmental precautions

Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

6.3. Methods and material for containment and cleaning up

Dilute residues and flush.

6.4. Reference to other sections

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See Heading 8.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

No special requirements.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container.

7.3. Specific end use(s)

Not applicable.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

2-butoxyethanol : MAC [mg/m³] 8 hrs : 98

2-butoxyethanol : MAC [ppm] : 20

2-butoxyethanol : TGG 8 uur (nl) (mg/m³) : 100

2-butoxyethanol : TGG 15 min (nl) (mg/m³) : 246 (H)

Propan-2-ol : MAC [mg/m³] 8 hrs : 650

Propan-2-ol : MAC [ppm] : 250

: 2-butoxyethanol : MAC [mg/m³] 8 hrs : 98

2-butoxyethanol : MAC [ppm] : 20

2-butoxyethanol : TGG 8 uur (nl) (mg/m³) : 100

2-butoxyethanol : TGG 15 min (nl) (mg/m³) : 246 (H)

Propan-2-ol : MAC [mg/m³] 8 hrs : 650

Propan-2-ol : MAC [ppm] : 250

Pictograms (Precautionary statements)



8.2. Exposure controls

Personal protection : None necessary.

-**Respiratory protection** : No special protection required where adequate ventilation is maintained.

- **Skin protection** : No special clothing/skin protection equipment is recommended under normal conditions of use.

- **Eye protection** : Eye protection should only be necessary where liquid could be splashed or sprayed.

General hygiene : Avoid contact of the undiluted product with the skin, the eyes and clothing.

When using, do not eat, drink or smoke.

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SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state at 20 °C : Liquid.

Colour : Colourless.

9.1.b. Odour : Characteristic.

9.1.c. Odour threshold : Conclusive but not sufficient for classification

9.1.d. pH : 12.1

9.1.e. Melting point / Freezing point : Conclusive but not sufficient for classification

9.1.f. Initial boiling point - boiling : 100 C.

range

9.1.g. Flash point : Not applicable.

9.1.h. Evaporation rate : No data available.

9.1.i. Flammability : Not applicable.

9.1.j. Explosion limits (lower - upper)

9.1.k. Vapour pressure : No data available.

9.1.m. Relative density : 1.045

9.1.n. Solubility

Solubility in water : Complete.

9.1.p. Auto-ignition temperature : Not applicable.

9.1.q. Thermal decomposition : Conclusive but not sufficient for classification

9.1.r. Viscosity : 4 mm/s

9.1.s. Explosive Properties : Not applicable.

9.1.t. Oxidising properties : Not applicable.

9.2. Other information

No significant hazards.

SECTION 10 Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Do not mix with other product.

10.5. Incompatible materials

No special work practices are needed beyond the above recommendations under anticipated conditions of normal use.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

• **Acute toxicity** : No known toxicological effects from this product. This mixture contains substances which at

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higher concentrations are hazardous to health.

• **Skin corrosion/irritation** : No known toxicological effects from this product. This mixture contains substances which at higher concentrations are hazardous to health.

• **Serious eye damage/irritation** : Although no appropriate human or animal health effects data are known to exist, contact with the eyes is likely to be irritating.

• **Respiratory or skin sensitisation** : No known toxicological effects from this product. This mixture contains substances which at higher concentrations are hazardous to health.

• **Germ cell mutagenicity** : There is no known effect from chronic exposure to this product.

• **Carcinogenicity** : There is no known effect from chronic exposure to this product.

• **Reproductive toxicity** : There is no known effect from chronic exposure to this product.

• **STOT-single exposure** : No known toxicological effects from this product. This mixture contains substances which at higher concentrations are hazardous to health.

• **STOT-repeated exposure** : No known toxicological effects from this product. This mixture contains substances which at higher concentrations are hazardous to health.

• **Aspiration hazard** : No appropriate human or animal health effects data are known to exist.

SECTION 12 Ecological information

12.1. Toxicity

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Conclusive but not sufficient for classification

12.6. Other adverse effects

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Flush down the drain with excess of water.

Dispose in a safe manner in accordance with local/national regulations.

Industrial waste number

SECTION 14 Transport information

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General information : Not regulated

UN No. : Not classified as dangerous product.

14.6. Special precautions for user

Emergency action in case of accident : No naked lights. No smoking.

Notify environmental authorities.

Keep public away from danger area.

Stop the engine.

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

Regulation (CE) No.648/2004 of 31 March 2004 on detergents. Annex VII.

Contains : < 5% : - EDTA and salts thereof - Phosphonates - Nonionic surfactants

Ingredients INCI : AQUA, Disodium metasilicate, 5Aq., BUTOXYETHANOL, ISOPROPYL ALCOHOL, PPG-5-LAURETH-5, PENTASODIUM AMINOTRIMETHYLENE PHOSPHONATE, TETRASODIUM EDTA.

15.2. Chemical safety assessment

Exposure Scenario's (ES) are under development

SECTION 16 Other information

List of relevant R phrases (§ 3) : R11 - Highly flammable.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R22 - Harmful if swallowed.

R34 - Causes burns.

R36 - Irritating to eyes.

R36/38 - Irritating to eyes and skin.

R37 - Irritating to respiratory system.

R41 - Risk of serious damage to eyes.

R67 - Vapours may cause drowsiness and dizziness.

List of relevant H phrases (Section 3) : H225 - Highly flammable liquid and vapour

H302 - Acute toxicity, Oral - Category 5 - Warning - H302

H312 - Harmful in contact with skin

H314 - Causes severe skin burns and eye damage

H315 - Causes skin irritation

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H335 - Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category

3 - Warning - (CLP : STOT SE 3) - H335

H336 - Specific Target Organ Toxicity - Single exposure - Narcotic effects - Category 3 -

Warning - (CLP : STOT SE 3) - H336

H371 - May cause damage to organs..

bodyline[®]

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