Safety Data Sheet
Patio Cleaner

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

1.1. Product identifier — Patio Cleaner

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

Bio multi surface cleaner

1.3. Details of the supplier of the safety data sheet :

McKLords Ltd
Bodelwyddan Business Park
Abergele Road, Bodelwyddan, LL18 5SX
Telephone : 01745 585995
Telefax : 01745 585755
E-mail address : enquiries@mcklords.com

1.4. Emergency telephone number — Mon-Fri (8:30 – 17:00):01745 585995

2. Hazards identification.

2.1. Classification of the substance or mixture:

The product is not classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

2.2. Label elements: This product is not subject to hazard labelling pursuant to Directives 67/548/EEC and 1999/45/EC and subsequent amendments and supplements.

Warning symbols: None.

Hazard sentences (R): None.

Caution recommendations (S): None.

Safety data sheet available for users on request.

2.3. Other hazards: None

3. Composition/information on ingredients.

3.1. Substances.: Information not relevant.

3.2. Mixtures.

Contains:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES

CAS	CHIP Classification	CLP Classification	Percent
63449-41-2	Xn; R21/22, C; R34,N; R50	GHS05; H302, H314, H400, GHS07	<1%

4. First aid measures

4.1. Description of first aid measures

General information

Remove soiled or soaked clothing immediately. Ensure that the First Aid Personnel are aware of the product involved, and take precautions to protect themselves (e.g. wear personal protection equipment).

After inhalation: Ensure supply of fresh air.

After contact with skin: In case of contact with skin wash off with water.

After contact with eyes: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice

After ingestion	Call in a physician immediately and show him the Safety Data Sheet.

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

Symptoms:	No symptoms known currently.
Hazards:	No hazards known at this time.

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

Treatment	Treat symptomatically.

5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING MEDIA	The product is non-flammable. Use extinguishing media appropriate for surrounding fire.
EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS:	None in particular.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE	The product is non-flammable. Hazards caused by exposure would be for the surrounding fire.

5.3. Advice for fire fighters.

GENERAL INFORMATION

The product is non-flammable. Use extinguishing media appropriate for surrounding fire.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Wear full protective clothing and breathing apparatus if there is a risk of exposure to smoke or fumes from other source.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific recommendation made. Observe safety measures and requirements as stipulated by warehouse or storage facility.

6.2. Environmental precautions

Contain contaminated water/fire fighting water
Do not allow entry to drains, water courses or soil

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder)
When picked up, treat material as prescribed under heading "Disposal".

6.4. Reference to other sections

Additional information

Small spills should present no problem Information regarding Safe handling, see chapter 7. Information regarding personal protective measures see, chapter 8. Information regarding Waste Disposal, see chapter 13.

7. Handling and storage.

7.1. Precautions for safe handling:	Store in closed, labelled containers.

7.2. Conditions for safe storage,

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including any incompatibilities.	Normal storage conditions without particular incompatibilities.
7.3. Specific end use(s):	Information not available. Refer product label

8. Exposure controls/personal protection

8.1. Information not available

8.2. Exposure controls.

Observance of safety measures used in handling chemical substances.

Ventilation:	No specific recommendation made as there are no known adverse affects.
Respirators:	No specific recommendation made as there are no known adverse affects.
Protective Gloves	No specific recommendation made as there are no known adverse affects.
Eye protection:	No specific recommendation made as there are no known adverse affects.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state :	liquid
Form :	Liquid
Colour :	Clear
Odour :	not specified
Miscibility with water :	Miscible
Solubility/qualitative :	not tested.
9.2. Other information	None

10. Stability and reactivity.

10.1. Reactivity:	There are no particular risks of reaction with other substances in normal conditions of use.
10.2. Chemical stability:	The product is stable in normal conditions of use and storage.
10.3. Possibility of hazardous reactions:	No hazardous reactions are foreseeable in normal conditions of use and storage.
10.4. Conditions to avoid:	None in particular, however the usual precautions used for chemical products should be respected.
10.5. Incompatible materials:	Information not available.
10.6. Hazardous decomposition products:	This product is not flammable

11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

11.1. Information on toxicological effects:	Information not available.

12. Ecological information.

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Use this product according to good working practices. Avoid littering. Inform the competent authorities, should large quantities of the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.:	Information not available.
12.2. Persistence and degradability:	Information not available.
12.3. Bio accumulative potential:	The product does not contain any substances expected to be bio accumulating.
12.4. Mobility:	Miscible in water.
12.5. Results of PBT and vPvB assessment:	Not identified as a PBT and vPvB
12.6. Other adverse effects	Information not available.

13. Disposal considerations

13.1. Waste treatment methods

Product

Product should disposed in accordance with relevant regulations .

14. Transport information

Section 14.1. to 14.5.

ADR	not restricted
ADNR	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

14.6. Special precautions for user — See sections 6 to 8 of this Safety Data Sheet.

15. Regulatory information

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

Other regulations: Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

15.2. Chemical safety assessment: No chemical safety assessment has been processed for the mixture.

16. Other information

Legend

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
DMEL	Derived Minimal Effect Level (genotoxic substances)
DNEL	Derived No Effect Level
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

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MARPOL	International Convention for the Prevention of Pollution From Ships
OEL	Occupational Exposure Limit
PBT	Persistent, Bio accumulative, Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Rule for Transport of Dangerous Substances by Railway
SVHC	Substances of Very High Concern
vPvB	very Persistent and very Bio accumulative

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.

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