



### MATERIALS SAFETY DATA SHEET

#### 1. Product Identification

Product name: Everyday Cleaner

Product type: Liquid

Product description: PH neutral routine cleaning solution for all porcelain, stone and cementitious products

Prepared by: Tilers Tools, Unit 4a Stretton Distribution Centre, Off Grappenhall Lane, Appleton WA4 4QT, Tel: 01565 344860, Email: sales@tilerstools.co.uk

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#### 2. Hazards Identification

##### 2.1 Classification of the substance according to Regulation EC n. 1272/2008

The product is not classified as dangerous – This product has no classification under CLP.

##### 2.2 Label indications

This product has no label elements.



##### 2.3 Hazards

This product is not identified as a PBT/vPvB substance.

#### 3. Composition / Information on the Ingredients

Name: 2-(2-BUTOXYETHOXY)ETHANOL

EINECS: 203-961-6

CAS: 112-34-5

Chip classification: -

CLP classification: Eye Irrit. 2: H319

Percent: 1- 10%

#### 4. First Aid Measures

##### 4.1 First aid measured description

In case of contact with the skin: Wash the area with soap and water, remove dirty shoes and clothes if contact via area. Consult a doctor in case of irritation, swelling or redness persist. In case of contact with the eyes: bathe and rinse well with water for 15 minutes.



##### 4.2 Main symptoms and effects both acute and delayed, see chapter 11

Skin contact: Redness, irritations.

Eyes contact: Eyes irritation.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

##### 4.3 Indication on the eventual necessity of contacting a doctor and special treatments

Follow doctor's instructions.

#### 5. Anti-Fire Measures

The product is not flammable.

Exposure hazards: In combustion emits toxic fumes.

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### 6. Accidental Release Measures

##### 6.1 Personal equipment, protective clothing and emergency procedures

Wear suitable protective clothes.

##### 6.2 Precautions for the environment

Do not pour down drains.

##### 6.3 Methods and materials to collect and clean

Collect with absorbent materials like sand, sawdust and dispose according to proper rules.

#### 7. Handling and Storage

##### 7.1 Precautions for safe handle

Wear gloves, apron, mask and boots.

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### 7.2 Safe warehouse

Keep container well sealed in a dry place; protect from freeze and avoid temperatures higher than 40°C. Do not keep in warehouse together with acids and strong bases.

## 8. Exposure Control and Protection

### 8.1 Protection

Since the use of suitable technical measures should be first than personal protection equipment, it's necessary to ensure a proper ventilation through the use of a good aspiration device or the polluted air discharge. If these operations do not keep product concentration under minimum exposure values, it will be necessary to wear a suitable breathing apparatus protection. During use, refer to danger label for more details. Personal protective clothes must be in compliance with the rules here below indicated.

**Hands protection:** Protect hands using working gloves, II category. (ref. Directive 89/686/CEE and Rule EN 374) like: PVC, neoprene, nitrile or equivalent. The final choice of the gloves must consider: degradation, breaking time and permeability. In case of mixtures the gloves resistance must be checked before using, it is not foreseeable. Gloves have a wear and tear term that depends on exposure time.

**Eyes protection:** Wear sealing protective mask (ref. Rule EN 166).

**Skin protection:** Wear long sleeves working clothes and shoes for professional use, II category. (ref. Directive CEE and EN 344 rule). Wash with plenty of water after taking protective clothes off.

**Breathing protection:** In case of overcoming of the limit value of one or more substances present in the product, wear a mask with filter A type or the universal type, whose class (1,2 or 3) will be chosen according to the use. (ref. EN 141 Rule). The use of breathing apparatus protections, like mask with filter for organic vapours and powders/fog, it's compulsory in absence of technical measures to limit the worker exposure. The protection given by the mask is limited anyway. If the substance is odourless or in case of emergency (unknown time of exposure or the oxygen level in the ambient is lower than 17%) wear a compressed air auto-breather at open circuit (ref. Rule EN 137) or a respirator with external air outlet for the use with whole mask, semi-mask or nozzle. (Ref. Rule EN 138). If there's the risk to get squirts or sprinkles due to the type of work performed, it's necessary to foresee a suitable mucous protection (mouth, nose, eyes) in order to avoid accidental absorptions.

### 8.2 Limits of exposure

No substance at exposure limit.

### 8.3 Exposure control, technical controls

Handle in well ventilated areas.

### 8.4 Individual protection

Wear gloves and mask, in normal use conditions no vapours are generated.

### 8.5 Environmental protection

Avoid discharge in sewers.

Name: 2-(2-BUTOXYETHOXY)ETHANOL

State: UK

8 Hour TWA: 67.5 mg/m<sup>3</sup>

15 Min Stel: 101.2 mg/m<sup>3</sup>

## 9. Chemical and Physical Properties

Status: Liquid

Colour: Yellow/green

Odour: Characteristic odour

Smelling threshold: Non-oxidising (by EC criteria)

pH: 7.5

Boiling point: 105°C approx.

Fusion point: ND

Flashing point: < 70°C

Ignition temperature: Not determined

Vapours: Not determined

Viscosity: Non-viscous

Solubility: Soluble in water

## 10. Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction in normal conditions of use.

### 10.2 Chemical stability

The product is stable.

### 10.3 Possible dangerous reactions

No dangerous reactions detected.

### 10.4 Conditions to avoid

Contact with acids and strong bases.

### 10.5 Hazardous decomposition products

Decomposition starts at temperatures higher than 150°C; in normal use conditions no decomposition is detected.

## 11. Toxicological Information

Name: 2-(2-BUTOXYETHOXY)ETHANOL

ORL: ORL

MUS: RAT

LD50: LD50

6050: 4500

Mg/Kg: Mg/kg

Contact with the skin: may cause skin irritation.

Contact with the eyes: may cause eye irritation.

Ingestion: May cause irritation to throat.

Inhalation: No symptoms.



## 12. Ecological Information

There's no information on the product, so use it according to good working procedures, do not waste it in the environment. Absolutely avoid to waste product in the ground or drains. Call authorized companies if the product reaches water drains or in case of ground or flora pollution. Follow all the measures to reduce at the minimum level the effects on water drains.

### 12.1 Toxicity information

Not available.

### 12.2 Persistence and degradability information

The surfactants in this product 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 component authorities of the Member States and will be made available to them at their direct request or at the request of the detergent manufacturer.

### 12.3 Potential bio-accumulative information

Not available.

### 12.4 Mobility in the ground information

Readily absorbed into soil.

### 12.5 Results of PBT and vPvB evaluation information

This product is not identified as a PBT/vPvB substance.

### 12.6 Additional effects information

Negligible ecotoxicity.

## 13. Disposal Considerations

### 13.1 Waste handling

Re-use, if possible the product. Product residues must be regarded as special dangerous waste. Waste danger that contain this product must be evaluated on the basis of current rules.

### 13.2 Disposal

Must be performed by company authorized to waste handling, according to national and local current rules. Polluted Packages, Polluted packages must be recovered or wasted in compliance with National rules concerning waste management.

## 14. Transport

This product does not require a classification for transport.

## 15. Regulatory Information

### Regulation on health, safety and environment specific for the substance

Regulation CE n. 1907/2006 (Reach), Annex XIV list of substances subject to authorization.

Substances SVHC: none

Annex XVII: none.

## 16. Other Information

### 16.1 Classification according to Regulation CE 1272/2008:

#### Hazard indications

- Flam. Liq.2 Flammable liquid, cat. 2
- Acute tox.3 High toxicity, cat. 3
- STOT SE 1 Specific toxicity for target- single exposure, Cat. 1
- Flam.Liq.3 Flammable liquid, cat.3
- STOT SE 3 Specific toxicity for target-single exposure, Cat.3
- Carc. 1B Cancerogenicity, CAT 1 B
- Muta , 1B Mutagenicity on stem cells, cat. 1 B
- Asp. Tox.1 Danger in case of aspiration, cat. 1
- Acute tox.4 High toxicity, cat. 4
- STOT RE 1 Specific toxicity for target- repeated exposure, cat. 1
- Eye Irrit. 2 Eyes irritation, cat.2
- Aquatic Acute 1 Dangerous for fish fauna, high toxicity, cat.1
- Aquatic Chronic 1 Dangerous for fish fauna, high toxicity, cat.1
- H226 Liquid and flammable vapours
- H305 may be harmful if swallowed and by penetrating breathing ways
- H315 causes skin irritation
- H319 Causes eye irritation
- EUH066 Continuous exposure may cause skin dryness and cracks
- R10 flammable
- R11 easily flammable
- R 23/24/25 toxic by inhalation, skin contact, ingestion
- R36 eyes irritating
- R48/25 toxic: serious healthy damages in case of long exposure by ingestion
- R50/53 high toxic for aquatic organism, at long term it may cause negative effects for fish fauna
- R65 harmful: if swallowed could cause serious damage to lungs
- R66 continuous exposure may cause skin dryness and cracks
- R67 vapours inhalation may cause sleepiness and giddiness
- R68 possibility of non-reversible effects

### 16.2 General bibliography

1. Directive 1999/45/CE and following modifications
2. Directive 67/548/CEE and following modifications
3. Regulation (CE) 1907/2006 of European Parliament (REACH)
4. Regulation (CE) 790/2009 of European Parliament (I Atp. CLP)
5. Regulation (CE) 453/2010 of European Parliament
6. The Merck Index Ed. 10
7. Handling Chemical Safety
8. Niosh- Registry of Toxic Effects of Chemicals Substances
9. INRS – Fiche Toxicologique
10. Patty- Industrial Hygiene and Toxicology
11. N.I. Sax. – Dangerous properties of Industrial Materials – 7 Ed. 1989.



### 16.3 Users Notes

The information herein contained have been draught on the basis of available knowledge upon data sheet version. The user must make sure of the suitability and completeness of the information referring to the specific use of the product. Do not read this document as warranty of any specific property of the product. Since the use of the product is not under our direct control, it's the user's liability respect current rules in terms of hygiene and safety. We are not held liable for unproper use.