SAFETY DATA SHEET
Liquid Bleach

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name
Liquid Bleach
Product No. 16003 / 16009

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

1.3. Details of the supplier of the safety data sheet
Supplier
Premiere Products
Oakley Gardens, Bouncers Lane, Cheltenham, GLOS GL52 5JD
01242 537103
01242 537177
Fax - 01242 528445
laboratory@premiereproducts.co.uk

1.4. Emergency telephone number
+44 (0)1242 537177 GMT 9am-5pm Monday-Friday

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification (1999/45/EEC)
R31.

Human health
See section 11 for additional information on health hazards.

Environment
The product is not expected to be hazardous to the environment.

2.2. Label elements
Risk Phrases
R31 Contact with acids liberates toxic gas.

Safety Phrases
S1/2 Keep locked up and out of the reach of children.
S24/25 Avoid contact with skin and eyes.
S46 If swallowed, seek medical advice immediately and show this container or label.
S50 Do not mix with acid.

2.3. Other hazards
This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures
SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.

Ingestion
Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately!

Skin contact
Promptly wash contaminated skin with water. Promptly remove clothing if soaked through and wash the skin with water. Get medical attention if any discomfort continues.

Eye contact
Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation
Irritation of nose, throat and airway.

Ingestion
May cause stomach pain or vomiting.

Skin contact
Reddened skin if chemical is not removed by washing. Later, white and wrinkled skin without pain, often with delayed skin burns.

Eye contact
May cause blurred vision and serious eye damage.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media
Water. Foam. Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
None under normal conditions.

Unusual Fire & Explosion Hazards
No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures
Use supplied air respirator if product is involved in a fire.

Protective equipment for fire-fighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.
6.2. Environmental precautions
Do not discharge into drains, water courses or onto the ground. Collect and dispose of spillage as indicated in section 13.

6.3. Methods and material for containment and cleaning up
Absorb with inert, damp, non-combustible material, then flush area with water.

6.4. Reference to other sections
For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities
Store at moderate temperatures in dry, well ventilated area.
Storage Class
Chemical storage.

7.3. 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
Ingredient Comments
WEL = Workplace Exposure Limits

8.2. Exposure controls
Protective equipment

Respiratory equipment
No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
Hand protection
Use protective gloves.
Eye protection
Wear approved safety goggles.

Other Protection
Wear appropriate clothing to prevent any possibility of skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Appearance
Liquid
Colour
Water-white.
Odour
Chlorine.
Solubility
Soluble in water.
Initial boiling point and boiling range (°C)
Not determined.
Melting point (°C)
Not determined.
Relative density
1.06 @20
Bulk Density
Not determined.
Vapour density (air=1) Not determined.
Vapour pressure Not determined.
Evaporation rate Not determined.
Evaporation Factor Not determined.

pH-Value, Conc. Solution 12.0
pH-Value, Diluted Solution Not determined.
Viscosity Not determined.

Solubility Value (G/100G H2O@20°C) Not determined.

Decomposition temperature (°C) Not determined.
Odour Threshold, Lower Not determined.
Odour Threshold, Upper Not determined.
Flash point (°C) Not determined.
Auto Ignition Temperature (°C) Not determined.

Flammability Limit - Lower(%) Not determined.
Flammability Limit - Upper(%) Not determined.
Partition Coefficient (N-Octanol/Water) Not determined.

Explosive properties Not determined.
Other Flammability Not determined.
Oxidising properties Not determined.

9.2. Other information
Not known.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Generates toxic gas in contact with acid.

10.2. Chemical stability
Avoid Contact with acid.

10.3. Possibility of hazardous reactions
Not known.

10.4. Conditions to avoid
Generates toxic gas in contact with acid.

10.5. Incompatible materials
Materials To Avoid
Strong acids.

10.6. Hazardous decomposition products

Volatile By Vol. (%) Actives 4.5 Av Cl2
11.1. Information on toxicological effects

Acute toxicity:
Acute Toxicity (Oral LD50)
Not determined.
Acute Toxicity (Dermal LD50)
Not determined.
Acute Toxicity (Inhalation LC50)
Not determined.

Respiratory or skin sensitisation:
Respiratory sensitisation
Not determined.
Skin sensitisation
Not determined.

Germ cell mutagenicity:
Genotoxicity - In Vitro
Not determined.
Genotoxicity - In Vivo
Not determined.

Carcinogenicity:
Carcinogenicity
Not determined.

Reproductive Toxicity:
Reproductive Toxicity - Fertility
Not determined.
Reproductive Toxicity - Development
Not determined.

Specific target organ toxicity - single exposure:
STOT - Single exposure
Not determined.

Specific target organ toxicity - repeated exposure:
STOT - Repeated exposure
Not determined.

Aspiration hazard:

Viscosity
Not determined.

Inhalation
Vapour may irritate respiratory system or lungs.

Ingestion
Irritating. May cause nausea, stomach pain and vomiting.

Skin contact
Prolonged and frequent contact may cause redness and irritation.

Eye contact
May cause severe irritation to eyes.
Target Organs
No specific target organs noted
液氯

第12节：生态信息

生态毒性
不被认为是危险的环境。

12.1. 毒性
急性鱼毒性
不被认为是鱼有毒。

12.2. 持久性及可生物降解性
可生物降解性
产品是可生物降解的。

12.3. 生物积累潜能
生物积累潜能
没有关于生物积累的数据。

12.4. 水土移动性
移动性
产品在水中可溶。

12.5. PBT和vPvB评估结果
该产品不含有任何PBT或vPvB物质。

12.6. 其他不良影响
没有已知的。

第13节：处置考虑

一般信息
废物应视为受控废物。根据当地废物管理机构的许可，处置至指定废物处理场。

13.1. 废物处理方法
根据当地当局要求处置废物和残余物。

第14节：运输信息

一般
该产品不被国际公海危险货物运输规定（IMDG，IATA，ADR/RID）覆盖。

14.1. UN号码
无需信息。

14.2. UN适运名称
无需信息。

14.3. 运输危险品
无需信息。

14.4. 包装组
无需信息。

14.5. 环境危害

环境有害物质/海洋污染物
否。

14.6. 用户特别预防措施

未知。

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
EU Legislation

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By Health & Safety Officer
Revision Date 17/06/2013
Revision 2
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Risk Phrases In Full

R34 Causes burns.
R31 Contact with acids liberates toxic gas.
R50 Very toxic to aquatic organisms.

Hazard Statements In Full

H314 Causes severe skin burns and eye damage.
EUH031 Contact with acids liberates toxic gas.
H400 Very toxic to aquatic life.