



SAFETY DATA SHEET Force

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

1.1. Product identifier

Product name Force
Product No. 08021 / 08082

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

Identified uses Catering 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) Xi;R36.

2.2. Label elements

Labelling



Irritant

Risk Phrases

R36

Irritating to eyes.

Safety Phrases

S1/2

Keep locked up and out of the reach of children.

S25

Avoid contact with eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S60

This material and its container must be disposed of as hazardous waste.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Force

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine		< 1
CAS-No.: 2372-82-9	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R48/22. C;R34. N;R50.	
NONIONIC SURFACTANT C9-C11 alcohol + 8 EO		5-10%
CAS-No.: 68439-46-3	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. Xi;R41.	
SODIUM SILICATE		1-5%
CAS-No.: 1344-09-8	EC No.: 215-687-4	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R38,R41.	

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

Inhalation

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

Ingestion

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Rinse nose, mouth and throat with water. Drink plenty of water. Get medical attention immediately!

Skin contact

Remove contaminated clothing immediately and wash skin with soap and 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

Upper respiratory irritation.

Ingestion

May cause stomach pain or vomiting.

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

May cause temporary eye irritation.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Force

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

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.

6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

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 in tightly closed original container in a dry and cool place.

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

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Protective equipment



Respiratory equipment

Suitable respiratory protection must be used at high concentrations.

Hand protection

Protective gloves are recommended.

Eye protection

Wear approved safety goggles.

Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Opaque Mobile Liquid

Colour Green.

Odour Slight odour.

Solubility Soluble in water.

Initial boiling point and boiling range (°C)

Not determined.

Melting point (°C)

Not determined.

Relative density

Not determined.

Bulk Density 1.08 kg/l

Vapour density (air=1)

Not determined.

Vapour pressure

Not determined.

Evaporation rate

Not determined.

Evaporation Factor

Not determined.

pH-Value, Conc. Solution 13.0

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**

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Avoid frost. Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION**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.

Skin Corrosion/Irritation:

Extreme pH.

≥ 11.5

Skin Corrosivity Report Undertaken - 3188/0001

Non Corrosive to skin.

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.
Target Organs
No specific target organs noted

Aspiration hazard:

Viscosity
Not determined.

Inhalation
May cause irritation to the respiratory system.

Ingestion
May cause stomach pain or vomiting.

Skin contact
May cause defatting of the skin, but is not an irritant.

Eye contact
May cause severe irritation to eyes.

Health Warnings
No specific health warnings noted.
Target Organs
No specific target organs noted

SECTION 12: ECOLOGICAL INFORMATION

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

12.1. Toxicity

Acute Fish Toxicity
Not considered toxic to fish.

12.2. Persistence and degradability

Degradability
The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential
The product does not contain any substances expected to be bioaccumulating.
Partition coefficient
Not determined.

12.4. Mobility in soil

Mobility:
The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Force

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

No information required.

14.2. UN proper shipping name

No information required.

14.3. Transport hazard class(es)

No information required.

14.4. Packing group

No information required.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

No information required.

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

No information required.

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

Detergents Regulations (EC) No 648/2004 REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By	Health & Safety Officer
Revision Date	05/06/2013
Revision	2
Supersedes date	05/02/2010
SDS No.	4
Date	17/4/2013

Force

Risk Phrases In Full

R34	Causes burns.
R22	Harmful if swallowed.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

Hazard Statements In Full

H319	Causes serious eye irritation.
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