SAFETY DATA SHEET
STAIN GUARD

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

1.1. Product identifier
Product name STAIN GUARD
Product number A0773
Internal identification A0773

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

1.3. Details of the supplier of the safety data sheet
Supplier GARDX PROTECTION LTD
UNIT 7 CLOVELLY BUSINESS PARK
CLOVELLY ROAD
SOUTHBOURNE, EMSWORTH
HANTS
PO10 8PE
+44 (0)1243 376426
product@gardx.co.uk

1.4. Emergency telephone number
Emergency telephone +44 (0) 777 8505 330 (24 hrs)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
Physical hazards Aerosol 1 - H222, H229
Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards Aquatic Chronic 2 - H411


2.2. Label elements
Pictogram

Signal word Danger

Hazard statements H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
STAIN GUARD

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing vapour/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves, eye and face protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with national regulations.

Contains

Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic, Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>HYDROCARBON PROPELLANT</th>
<th>30-60%</th>
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<tr>
<td>CAS number: 68476-85-7</td>
<td>EC number: 270-704-2</td>
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</table>

Classification

Flam. Gas 1 - H220
Press. Gas, Liquefied - H280

Classification (67/548/EEC or 1999/45/EC)

F+;R12.

Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic

CAS number: — | EC number: 927-510-4 | REACH registration number: 01-2119475515-33-xxxx

Classification

Flam. Liq. 2 - H225
Skin Irrit. 2 - H315
STOT SE 3 - H336
Asp. Tox. 1 - H304
STOT SE 3 - H336
Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC)

Xn;R65. Xi;R38. F;R11. N;R51/53. R67.

Ethyl alcohol

CAS number: 64-17-5 | EC number: 200-578-6 | REACH registration number: 01-2119457610-43-xxxx

Classification

Flam. Liq. 2 - H225
Eye Irrit. 2 - H319

Classification (67/548/EEC or 1999/45/EC)

F;R11
STAIN GUARD

<table>
<thead>
<tr>
<th>Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</th>
<th>5-10%</th>
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</thead>
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<tr>
<td>CAS number: —</td>
<td>EC number: 927-241-2</td>
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</tbody>
</table>

**Classification**
- Flam. Liq. 3 - H226
- STOT SE 3 - H336
- Asp. Tox. 1 - H304
- Aquatic Chronic 3 - H412

**Classification (67/548/EEC or 1999/45/EC)**
- Xn;R65. R10,R66,R67,R52/53.

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<table>
<thead>
<tr>
<th>BUTYL ACETATE -norm</th>
<th>1-5%</th>
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<tr>
<td>CAS number: 123-86-4</td>
<td>EC number: 204-658-1</td>
</tr>
</tbody>
</table>

**Classification**
- Flam. Liq. 3 - H226
- STOT SE 3 - H336

**Classification (67/548/EEC or 1999/45/EC)**
- R10 R66 R67

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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**
If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention.

**Ingestion**
Rinse mouth thoroughly with water. Get medical attention.

**Skin contact**
Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**Eye contact**
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention.

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

**Inhalation**
Vapours may cause drowsiness and dizziness.

**Ingestion**
Gastrointestinal symptoms, including upset stomach.

**Skin contact**
Causes skin irritation.

**Eye contact**
Causes serious eye irritation.

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

**Notes for the doctor**
Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**
Extinguish with foam, carbon dioxide or dry powder.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards**
Extremely flammable aerosol. Pressurised container: may burst if heated

**Hazardous combustion products**
Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO). Fluorides.

**5.3. Advice for firefighters**
STAIN GUARD

Protective actions during firefighting

No specific firefighting precautions known.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not touch or walk into spilled material. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Provide adequate ventilation. Take care as floors and other surfaces may become slippery. Avoid contact with contaminated tools and objects. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. Provide adequate ventilation. Absorb spillage with inert, damp, non-combustible material. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

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

Usage precautions: Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid contact with skin, eyes and clothing. Do not breathe vapour/spray. Do not expose to temperatures exceeding 50°C/122°F. Do not pierce or burn, even after use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Store at temperatures between 4°C and 40°C. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not expose to temperatures exceeding 50°C/122°F.

Storage class: Flammable compressed gas storage.

7.3. Specific end use(s)

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

Occupational exposure limits

HYDROCARBON PROPELLANT

Long-term exposure limit (8-hour TWA): WEL 1000 ppm  1750 mg/m³
Short-term exposure limit (15-minute): WEL 1250 ppm  2180 mg/m³

Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic
STAIN GUARD

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m³
Short-term exposure limit (15-minute): WEL No std.

Ethyl alcohol
Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Long-term exposure limit (8-hour TWA): 1000 mg/m³

BUTYL ACETATE -norm
Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³
Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³
WEL = Workplace Exposure Limit

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

DNEL
Industry - Dermal; Long term: 300 mg/kg/day
Industry - Inhalation; Long term: 2085 mg/m³
Consumer - Dermal; Long term: 149 mg/kg/day
Consumer - Inhalation; Long term: 447 mg/m³

ETANOL (CAS: 64-17-5)

Ingredient comments
WEL = Workplace Exposure Limits
DNEL
Industry - Inhalation; Short term: 1900 mg/m³
Industry - Dermal; Long term: 343 mg/kg/day
Industry - Inhalation; Long term: 950 mg/m³
Consumer - Inhalation; Short term: 950 mg/m³
Consumer - Dermal; Long term: 206 mg/kg/day
Consumer - Inhalation; Long term: 114 mg/m³
Consumer - Oral; Long term: 87 mg/kg/day

PNEC
- Fresh water: 0.96 mg/l
- Marine water: 0.79 mg/l
- Soil: 0.62 mg/kg
- STP: 580 mg/l

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

DNEL
Industry - Dermal; systemic effects: 300 mg/kg/day
Industry - Inhalation; systemic effects: 1500 mg/m³
Consumer - Dermal; systemic effects: 300 mg/m³
Consumer - Inhalation; systemic effects: 900 mg/m³
Consumer - Oral; systemic effects: 300 mg/kg/day

8.2. Exposure controls

Protective equipment
Appropriate engineering controls
Provide adequate ventilation.
STAIN GUARD

Eye/face protection
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. For exposure up to 4 hours, wear gloves made of the following material: Rubber (natural, latex). Nitrile rubber. Neoprene. Polyvinyl chloride (PVC). To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 4 hours. The breakthrough time for any glove material may be different for different glove manufacturers. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

Hygiene measures
Wash hands thoroughly after handling.

Respiratory protection
The use of an appropriate half mask respirator with organic vapour protection (minimum APF4) is recommended. This will ensure that at all times the operator is not exposed to vapour concentrations exceeding the workplace exposure limits (WEL).

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties
Appearance
Aerosol.

Colour
Colourless.

Odour
Apple.

pH
Not applicable.

Solubility(ies)
Insoluble in water.

9.2. Other information
Not determined.

SECTION 10: Stability and reactivity
10.1. Reactivity
Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability
Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions
Not determined.

10.4. Conditions to avoid
Conditions to avoid
Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials
Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
STAIN GUARD

**Hazardous decomposition products**

Thermal decomposition or combustion products may include the following substances:
Carbon dioxide (CO2). Carbon monoxide (CO). Fluorides.

**SECTION 11: Toxicological information**

11.1. Information on toxicological effects

| Inhalation | Vapours may cause drowsiness and dizziness. |
| Ingestion | Gastrointestinal symptoms, including upset stomach. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes serious eye irritation. |

**SECTION 12: Ecological Information**

12.1. Toxicity

| Acute toxicity - fish | Not determined. |

12.2. Persistence and degradability

| Persistence and degradability | The product is expected to be biodegradable. |

12.3. Bioaccumulative potential

| Bioaccumulative potential | The product is not bioaccumulating. |

12.4. Mobility in soil

| Mobility | The product has poor water-solubility. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. |

12.5. Results of PBT and vPvB assessment

| Results of PBT and vPvB assessment | This product does not contain any substances classified as PBT or vPvB. |

12.6. Other adverse effects

| Other adverse effects | Not determined. |

**SECTION 13: Disposal considerations**

13.1. Waste treatment methods

| Disposal methods | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |

**SECTION 14: Transport information**

14.1. UN number

| UN No. (ADR/RID) | 1950 |
| UN No. (IMDG) | 1950 |
| UN No. (ICAO) | 1950 |

14.2. UN proper shipping name

| Proper shipping name (ADR/RID) | AEROSOLS |
STAIN GUARD

14.3. Transport hazard class(es)
- ADR/RID class: 2
- IMDG class: 2
- ICAO class/division: 2

Transport labels

14.4. Packing group
- ADR/RID packing group: 5F

14.5. Environmental hazards
- Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user
- Tunnel restriction code: (D)

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations: Control of Substances Hazardous to Health Regulations 2002 (as amended).
- Guidance: Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision comments: NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date: 24/08/2015
Revision: 5.2
Supersedes date: 09/03/2015
SDS number: 24311
STAIN GUARD

Risk phrases in full
R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R38 Irritating to skin.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H220 Extremely flammable gas.
H411 Toxic to aquatic life with long lasting effects.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: may burst if heated.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.