

# 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

Classification (67/548/EEC or 1999/45/EC)    Xi;R38. F+;R12. R52/53,R67.

#### 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.

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<b>Precautionary statements</b>	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.	

<b>Contains</b>	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic, Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
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### 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

<b>HYDROCARBON PROPELLANT</b>	<b>30-60%</b>
CAS number: 68476-85-7	EC number: 270-704-2
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Gas 1 - H220	F+;R12.
Press. Gas, Liquefied - H280	
<b>Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic</b>	<b>10-30%</b>
CAS number: —	EC number: 927-510-4
	REACH registration number: 01-2119475515-33-xxxx
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
Skin Irrit. 2 - H315	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
STOT SE 3 - H336	
Aquatic Chronic 2 - H411	
<b>Ethyl alcohol</b>	<b>10-30%</b>
CAS number: 64-17-5	EC number: 200-578-6
	REACH registration number: 01-2119457610-43-xxxx
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F;R11
Eye Irrit. 2 - H319	

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<b>Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	<b>5-10%</b>
CAS number: —	EC number: 927-241-2
	REACH registration number: 01-2119471843-32-0000
<b>Classification</b> Flam. Liq. 3 - H226 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R65. R10,R66,R67,R52/53.
<b>BUTYL ACETATE -norm</b>	<b>1-5%</b>
CAS number: 123-86-4	EC number: 204-658-1
<b>Classification</b> Flam. Liq. 3 - H226 STOT SE 3 - H336	<b>Classification (67/548/EEC or 1999/45/EC)</b> R10 R66 R67

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

<b>Inhalation</b>	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.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	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

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

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### 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

<b>Specific hazards</b>	Extremely flammable aerosol. Pressurised container: may burst if heated
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Fluorides.

#### 5.3. Advice for firefighters

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**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/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic

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Long-term exposure limit (8-hour TWA): WEL 1000 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL No std.

## Ethyl alcohol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

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

Long-term exposure limit (8-hour TWA): 1000 mg/m<sup>3</sup>

## BUTYL ACETATE -norm

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic

<b>DNEL</b>	Industry - Dermal; Long term : 300 mg/kg/day Industry - Inhalation; Long term : 2085 mg/m <sup>3</sup> Consumer - Dermal; Long term : 149 mg/kg/day Consumer - Inhalation; Long term : 447 mg/m <sup>3</sup>
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### ETHANOL (CAS: 64-17-5)

<b>Ingredient comments</b>	WEL = Workplace Exposure Limits
<b>DNEL</b>	Industry - Inhalation; Short term : 1900 mg/m <sup>3</sup> Industry - Dermal; Long term : 343 mg/kg/day Industry - Inhalation; Long term : 950 mg/m <sup>3</sup> Consumer - Inhalation; Short term : 950 mg/m <sup>3</sup> Consumer - Dermal; Long term : 206 mg/kg/day Consumer - Inhalation; Long term : 114 mg/m <sup>3</sup> Consumer - Oral; Long term : 87 mg/kg/day
<b>PNEC</b>	- 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

<b>DNEL</b>	Industry - Dermal; systemic effects: 300 mg/kg/day Industry - Inhalation; systemic effects: 1500 mg/m <sup>3</sup> Consumer - Dermal; systemic effects: 300 mg/m <sup>3</sup> Consumer - Inhalation; systemic effects: 900 mg/m <sup>3</sup> Consumer - Oral; systemic effects: 300 mg/kg/day
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## 8.2. Exposure controls

### Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

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<b>Eye/face protection</b>	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.
<b>Hand protection</b>	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.
<b>Hygiene measures</b>	Wash hands thoroughly after handling.
<b>Respiratory protection</b>	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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Colourless.
<b>Odour</b>	Apple.
<b>pH</b>	Not applicable.
<b>Solubility(ies)</b>	Insoluble in water.

#### 9.2. Other information

<b>Other information</b>	Not determined.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not determined.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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#### 10.6. Hazardous decomposition products

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**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>). 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

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

### 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

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Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

### 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 MARPOL73/78 and the IBC Code

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

Not applicable.

## SECTION 15: Regulatory information

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

<b>National regulations</b>	Control of Substances Hazardous to Health Regulations 2002 (as amended).
<b>EU legislation</b>	Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

## SECTION 16: Other information

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	24/08/2015
<b>Revision</b>	5.2
<b>Supersedes date</b>	09/03/2015
<b>SDS number</b>	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.