

## SAFETY DATA SHEET LEATHER GUARD

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

#### 1.1. Product identifier

Product name LEATHER GUARD  
Internal identification M185

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

Identified uses Leather dressing/protector

#### 1.3. Details of the supplier of the safety data sheet

Supplier GARDX INTERNATIONAL 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 (24 hrs) +44 (0) 777 8505 330

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

Physical hazards Not Classified  
Health hazards Not Classified  
Environmental hazards Not Classified

#### 2.2. Label elements

Hazard statements EUH208 Contains METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6. May produce an allergic reaction.  
Precautionary statements P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

#### 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

OXYDIPROPANOL			<1%
CAS number: 25265-71-8	EC number: 246-770-3	REACH registration number: 01-2119456811-38-xxxx	
Classification	Classification (67/548/EEC or 1999/45/EC)		
Not Classified	-		

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<b>TRIETHANOLAMINE</b>	<b>&lt;1%</b>
CAS number: 102-71-6	EC number: 203-049-8
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
<b>METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6</b>	<b>&lt;1%</b>
CAS number: 55965-84-9	
M factor (Acute) = 10	M factor (Chronic) = 10
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	<b>Classification (67/548/EEC or 1999/45/EC)</b> T;R23/24/25 C;R34 R43 N;R50/53

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>	Remove person to fresh air and keep comfortable for breathing.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<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 if any discomfort continues.

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

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause skin sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	May cause discomfort.

#### 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** Use fire-extinguishing media suitable for the surrounding fire.

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

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases (NO<sub>x</sub>).

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### 5.3. Advice for firefighters

**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. Avoid contact with skin, eyes and clothing. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery. Avoid contact with contaminated tools and objects. 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. Wipe up with an absorbent cloth and dispose of waste safely. Absorb spillage with non-combustible, absorbent material. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. 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** Keep out of the reach of children. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid contact with skin, eyes and clothing. Avoid release to the environment. Do not reuse empty containers. Do not empty into drains. 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 out of the reach of children.

**Storage class** Chemical 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

#### OXYDIPROPANOL (CAS: 25265-71-8)

DNEL	Industry - Dermal; Long term : 51 mg/kg/day
	Industry - Inhalation; Long term : 70 mg/m <sup>3</sup>
	Consumer - Dermal; Long term : 84 mg/kg/day
	Consumer - Inhalation; Long term : 238 mg/m <sup>3</sup>
	Industry - Oral; Long term : 24 mg/kg/day

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<b>PNEC</b>	- Fresh water; 0.1 mg/l
	- Marine water; 0.01 mg/l
	- Intermittent release; 1 mg/l
	- STP; 1000 mg/l
	- Sediment (Freshwater); 0.238 mg/l
	- Sediment (Marinewater); 0.0238 mg/l
	- Soil; 0.0253 mg/l

### TRIETHANOLAMINE (CAS: 102-71-6)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 5.0 mg/m <sup>3</sup>
	Workers - Inhalation; Long term local effects: 5.0 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 6.3 mg/kg/day
	General population - Inhalation; Long term systemic effects: 1.25 mg/m <sup>3</sup>
	General population - Inhalation; Long term local effects: 1.25 mg/m <sup>3</sup>
	General population - Dermal; Long term systemic effects: 3.1 mg/kg/day
	General population - Oral; Long term systemic effects: 13.0 mg/kg/day
<b>PNEC</b>	- Fresh water; 0.32 mg/l
	- Marine water; 0.032 mg/l
	- Intermittent release; 5.12 mg/l
	- STP; 10.0 mg/l
	- Sediment (Freshwater); 1.7 mg/kg
	- Sediment (Marinewater); 0.17 mg/kg
	- Soil; 0.151 mg/kg

## 8.2. Exposure controls

### Protective equipment



#### 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. 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. For exposure up to 4 hours, wear gloves made of the following material: Nitrile rubber. Rubber (natural, latex). Neoprene. 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. The breakthrough time for any glove material may be different for different glove manufacturers. When used with mixtures, the protection time of gloves cannot be accurately estimated.

#### Hygiene measures

Wash hands thoroughly after handling.

## **SECTION 9: Physical and Chemical Properties**

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Cream.
<b>Odour</b>	Pleasant, agreeable.

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pH	pH (concentrated solution): 8.50
Relative density	0.990 @ 25°C
Solubility(ies)	Miscible with water.

### 9.2. Other information

Other information	Not determined.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

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

Possibility of hazardous reactions	Not determined.
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### 10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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### 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.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Nitrous gases (NO <sub>x</sub> ).
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Skin sensitisation

Skin sensitisation	No specific test data are available. Read-across data. Sensitising.
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#### Inhalation

No specific symptoms known.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

May cause skin sensitisation or allergic reactions in sensitive individuals.

#### Eye contact

May cause discomfort.

### Toxicological information on ingredients.

#### OXYDIPROPANOL

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>) 5,000.0 mg/kg

Species Rat

##### Acute toxicity - dermal

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**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 5,010.0

**Species** Rabbit

### Carcinogenicity

**Carcinogenicity** NOAEL 2330 , , Rat

### Reproductive toxicity

**Reproductive toxicity - fertility** - NOAEL 10100 mg/kg, , Mouse P

**Skin contact** Skin irritation should not occur when used as recommended. Not a skin sensitiser.

**Eye contact** No specific health hazards known.

## TRIETHANOLAMINE

### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 6,400.0

**Species** Rat

**ATE oral (mg/kg)** 6,400.0

### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,000.1

**Species** Rabbit

**ATE dermal (mg/kg)** 2,000.1

## METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6

### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 53.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** Estimated value.

**ATE oral (mg/kg)** 53.0

### Acute toxicity - dermal

**ATE dermal (mg/kg)** 300.0

### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 3.0

### Skin sensitisation

**Skin sensitisation** Guinea pig maximization test (GPMT) - Guinea pig: Sensitising.

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### SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Acute toxicity - fish** Not determined.

#### Ecological information on ingredients.

##### OXYDIPROPANOL

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , >: > 5000 mg/l, Carassius auratus (Goldfish) LC <sub>50</sub> , >: > 1000 mg/l, Cyprinus carpio (Common carp)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours, 48 hours: > 100 mg/l, Daphnia magna

##### TRIETHANOLAMINE

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 5600 mg/l, Fish
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 947 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	IC <sub>50</sub> , 72 hours: >5000 mg/l, Algae

##### METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6

<b><u>Acute aquatic toxicity</u></b>	
LE(C) <sub>50</sub>	0.01 < L(E)C <sub>50</sub> ≤ 0.1
M factor (Acute)	10
<b>Acute toxicity - fish</b>	Estimated value. LC <sub>50</sub> , 96 hours: 13 mg/l, Fish
<b><u>Chronic aquatic toxicity</u></b>	
NOEC	0.001 < NOEC ≤ 0.01
Degradability	Non-rapidly degradable
M factor (Chronic)	10

#### 12.2. Persistence and degradability

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

#### Ecological information on ingredients.

##### OXYDIPROPANOL

<b>Persistence and degradability</b>	The product is readily biodegradable.
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#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

#### Ecological information on ingredients.

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## OXYDIPROPANOL

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** : 0.462

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### Ecological information on ingredients.

## OXYDIPROPANOL

**Adsorption/desorption coefficient** Soil - : 0.78 @ °C

**Henry's law constant** 0.000907 Pa m<sup>3</sup>/mol @ 12°C

### 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** Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

## **SECTION 14: Transport information**

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

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### **Transport labels**

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.



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### 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.

### 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>Abbreviations and acronyms used in the safety data sheet</b>	ATE: Acute Toxicity Estimate. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods. NOEC: No Observed Effect Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No Effect Concentration.
<b>Revision comments</b>	This is first issue.
<b>Revision date</b>	14/06/2016
<b>Revision</b>	1.1
<b>Supersedes date</b>	04/04/2016
<b>SDS number</b>	25643
<b>Risk phrases in full</b>	Not classified.
<b>Hazard statements in full</b>	H301 Toxic if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H331 Toxic if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. EUH208 Contains METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6. May produce an allergic reaction.

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.