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

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
<th>CAS number</th>
<th>EC number</th>
<th>REACH registration number</th>
</tr>
</thead>
<tbody>
<tr>
<td>OXYDIPROPANOL</td>
<td>&lt;1%</td>
<td>25265-71-8</td>
<td>246-770-3</td>
<td>01-2119456811-38-xxxxxx</td>
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</tbody>
</table>

Classification: Not Classified
Classification (67/548/EEC or 1999/45/EC): -
LEATHER GUARD

<table>
<thead>
<tr>
<th>TRIETHANOLAMINE</th>
<th>&lt;1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 102-71-6</td>
<td>EC number: 203-049-8</td>
</tr>
<tr>
<td>Classification</td>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
</tr>
<tr>
<td>Not Classified</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6</th>
<th>&lt;1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 55965-84-9</td>
<td></td>
</tr>
<tr>
<td>M factor (Acute) = 10</td>
<td>M factor (Chronic) = 10</td>
</tr>
<tr>
<td>Classification</td>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
</tr>
<tr>
<td>Acute Tox. 3 - H301</td>
<td>T;R23/24/25 C;R34 R43 N;R50/53</td>
</tr>
<tr>
<td>Acute Tox. 3 - H311</td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 3 - H331</td>
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</tr>
<tr>
<td>Skin Corr. 1B - H314</td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
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</tr>
<tr>
<td>Skin Sens. 1 - H317</td>
<td></td>
</tr>
<tr>
<td>Aquatic Acute 1 - H400</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 1 - H410</td>
<td></td>
</tr>
</tbody>
</table>

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 person to fresh air and keep comfortable for breathing.

**Ingestion**
Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

**Skin contact**
Wash skin thoroughly with soap and water.

**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 if any discomfort continues.

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

**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.

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**
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 (CO2). Carbon monoxide (CO). Nitrous gases (NOx).
LEATHER GUARD

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/m³
Consumer - Dermal; Long term : 84 mg/kg/day
Consumer - Inhalation; Long term : 238 mg/m³
Industry - Oral; Long term : 24 mg/kg/day
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PNEC
- 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 (Marine water); 0.0238 mg/l
- Soil; 0.0253 mg/l

TRIETHANOLAMINE (CAS: 102-71-6)

DNEL
Workers - Inhalation; Long term systemic effects: 5.0 mg/m³
Workers - Inhalation; Long term local effects: 5.0 mg/m³
Workers - Dermal; Long term systemic effects: 6.3 mg/kg/day
General population - Inhalation; Long term systemic effects: 1.25 mg/m³
General population - Inhalation; Long term local effects: 1.25 mg/m³
General population - Dermal; Long term systemic effects: 3.1 mg/kg/day
General population - Oral; Long term systemic effects: 13.0 mg/kg/day

PNEC
- 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 (Marine water); 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

Appearance
Viscous liquid.

Colour
Cream.

Odour
Pleasant, agreeable.
LEATHER GUARD

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.

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  There are no known conditions that are likely to result in a hazardous situation.

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
Hazardous decomposition products  Thermal decomposition or combustion products may include the following substances: Ammonia or amines. Carbon monoxide (CO). Carbon dioxide (CO2). Nitrous gases (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Skin sensitisation  No specific test data are available. Read-across data. Sensitising.

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 (LD₅₀ mg/kg)  5,000.0
Species  Rat

Acute toxicity - dermal
# LEATHER GUARD

**Acute toxicity dermal (LD₅₀ mg/kg)**
- 5,010.0
  - Species: Rabbit

**Carcinogenicity**
- NOAEL: 2330, Rat

**Reproductive toxicity**
- 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**
- LD₅₀ (mg/kg): 6,400.0
  - Species: Rat

**Acute toxicity dermal (LD₅₀ mg/kg)**
- 2,000.1
  - Species: Rabbit

**Acute toxicity inhalation (vapours mg/l)**
- 3.0

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

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

**Acute toxicity oral (LD₅₀ mg/kg)**
- 53.0
  - Species: Rat
  - Notes: Estimated value.

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

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

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

OXYDIPROANOL

Acute toxicity - fish
LC₅₀, >: > 5000 mg/l, Carassius auratus (Goldfish)
LC₅₀, >: > 1000 mg/l, Cyprinus carpio (Common carp)

Acute toxicity - aquatic invertebrates
EC₅₀, 48 hours, 48 hours: > 100 mg/l, Daphnia magna

TRIETHANOLAMINE

Acute toxicity - fish
LC₅₀, 96 hours: 5600 mg/l, Fish

Acute toxicity - aquatic invertebrates
EC₅₀, 48 hours: 947 mg/l, Daphnia magna

Acute toxicity - aquatic plants
IC₅₀, 72 hours: >5000 mg/l, Algae

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

Acute aquatic toxicity
LE(C)₅₀
0.01 < L(E)C₅₀ ≤ 0.1
M factor (Acute)
10

Acute toxicity - fish
Estimated value.
LC₅₀, 96 hours: 13 mg/l, Fish

Chronic aquatic toxicity
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.

OXYDIPROANOL

Persistence and degradability
The product is readily biodegradable.

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 m3/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 MARPOL 73/78 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
National regulations
Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation

Guidance
Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet
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.

Revision comments
This is first issue.

Revision date
14/06/2016

Revision
1.1

Supersedes date
04/04/2016

SDS number
25643

Risk phrases in full
Not classified.

Hazard statements in full
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.