

**SECTION 1: Identification**
**1.1. Product identifier**

Product form : Mixture  
 Product name : Antiblast

**1.2. Recommended use and restrictions on use**

Additive for preflux baths.

**1.3. Supplier**

SOPRIN S.r.l.  
 Via dell'Industria 106  
 31052 Maserada Sul Piave (TV) - Italy  
 T (+39) 0422 521025 - F (+39) 0422 521060  
[soprin@soprin.it](mailto:soprin@soprin.it) (Alessandro Padovan)

**1.4. Emergency telephone number**

Emergency number : CHEMTREC 800 424 9300

**SECTION 2: Hazard identification**
**2.1. Classification of the substance or mixture**
**Classification (GHS-US/ CAN)**

Serious eye damage/eye irritation Category 1 H318

Full text of H statements : see section 16

**2.2. GHS Label elements, including precautionary statements**
**GHS US/CAN labeling**

Hazard pictograms :



Signal word : Danger

Hazard statements : H318 - Causes serious eye damage

Precautionary statements : P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 - Immediately call a POISON CENTER or doctor.

**2.3. Other hazards**

No additional information available

**2.4. Unknown acute toxicity (GHS US/CAN)**

No data available

**SECTION 3: Composition/Information on ingredients**
**3.1. Substances**

Not applicable

**3.2. Mixtures**

Name	Product identifier	%	Classification (GHS CAN)	GHS-US Classification
Ethoxylated coconut oil alkyl amine	(CAS-No.) 61791-14-8	2 – 13	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Amines, tallow alkyl, ethoxylated	(CAS-No.) 61791-26-2	1 – 2.5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 1, H400	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 1, H400

Full text of hazard classes and H-statements : see section 16

**SECTION 4: First-aid measures**
**4.1. Description of first aid measures**

First-aid measures after inhalation : Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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First-aid measures after skin contact	: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.
First-aid measures after eye contact	: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.
First-aid measures after ingestion	: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: None anticipated under normal product use conditions.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: May be harmful if swallowed.

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Carbon dioxide, dry chemical powder, alcohol foam, polymer foam.

### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : None.

### 5.3. Specific hazards arising from the hazardous product

Fire hazard : None known.  
Explosion hazard : None known.

### 5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

Protection during firefighting : Firefighters should wear full protective gear.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

### 6.2. Methods and materials for containment and cleaning up

For containment : Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10.

Methods for cleaning up : Confine spill and soak up with absorbent. Place in an approved container and dispose in accordance with local, state and federal regulations.

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Check that the packaging is intact before handling. Whenever possible work upwind. Avoid skin and eye contact. Do not inhale the mist/vapors. Do not eat, drink, or smoke when using or handling. Wash hands after use. Avoid releasing the product into the environment. Handle in a suitable space with good general ventilation. Emptied containers must be immediately moved to their designated storage area while awaiting disposal or transfer for reuse. Never use the empty containers before they have been subjected to industrial cleaning. Keep away from heat, sparks, and flames, do not smoke or use matches or cigarette lighters. Avoid accumulation of electrostatic charges.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Only handle the product after reading all the other sections of the safety information sheet. Avoid releasing the product into the environment. Remove contaminated clothing and safety equipment before entering areas in which food is consumed. Store the containers closed and labelled. The containers must be protected from damage, accidental impact, and falling. Store in a dry, cool, well ventilated area.

Protect from direct sunlight. Take all possible measures in the procedures and systems to minimise any possibilities of leakage. Keep away from foodstuffs, animal feeds, and drinks. Only store in the original containers. The storage area must be designed to prevent percolation into the ground of any accidental spillage. Store the containers away from any incompatible materials, with reference to section 10.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Local exhaust and general ventilation must be adequate to meet exposure standards.

#### 8.3. Individual protection measures/Personal protective equipment

Hand protection : Use impervious gloves such as neoprene, nitrile, or rubber for hand protection.  
Eye protection : Wear protective airtight goggles.  
Skin and body protection : Wear suitable protective clothing.  
Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

### SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Color : Yellow  
Odor : Characteristic  
Odor threshold : No data available  
pH : 7.5 - 8.5  
Relative evaporation rate (butyl acetate=1) : No data available  
Relative evaporation rate (ether=1) : No data available  
Melting point : No data available  
Freezing point : < 0 °C  
Boiling point : No data available  
Flash point : > 100 °C  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapor pressure : No data available  
Vapor pressure at 50 °C : No data available  
Relative density : No data available  
Specific gravity / density : 1000 g/l  
Solubility : Soluble in water  
Log Pow : No data available  
Explosion limits : No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Chemical stability : The product is stable at normal handling and storage conditions.  
Possibility of hazardous reactions : Will not occur.  
Conditions to avoid : Heating, Flames and heat sources.  
Incompatible materials : Alkalis, strong oxidants.  
Hazardous decomposition products : In case of overheating and fire, irritating / toxic gases / vapors and carbon oxides may develop.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Ethoxylated coconut oil alkyl amine (61791-14-8)

LD50 oral rat	750 mg/kg
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Amines, tallow alkyl, ethoxylated (61791-26-2)	
LD50 oral rat	500 mg/kg
ATE CA (oral)	500 mg/kg body weight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
	: Not classified
STOT-repeated exposure	
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Ozone	: Not classified
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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Product/Packaging disposal recommendations	: Dispose of contents/container in accordance with local/regional/national/international regulations.
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### SECTION 14: Transport information

#### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

Not regulated for transport

#### 14.2. Transport information/DOT

#### Department of Transport

Not regulated for transport

#### 14.3. Air and sea transport

#### IMDG

Not regulated for transport

#### IATA

Not regulated for transport

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### SECTION 15: Regulatory information

#### 15.1. Canada National regulations

##### Ethoxylated coconut oil alkyl amine (61791-14-8)

Listed on the Canadian DSL (Domestic Substances List)

##### Amines, tallow alkyl, ethoxylated (61791-26-2)

Listed on the Canadian DSL (Domestic Substances List)

#### 15.2. US Federal regulations

##### Ethoxylated coconut oil alkyl amine (61791-14-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

##### Amines, tallow alkyl, ethoxylated (61791-26-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

#### 15.3. US State regulations

No additional information available

### SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*