

## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture  
Product name : DEGRES-L  
Product code : LIQ0054

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

No additional information available

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

REALCO S.A.  
Avenue Albert Einstein, 15  
Louvain-la-Neuve, B-1348 - Belgium  
T +32 (0)10 45 30 00 - F +32 (0)10 45 63 63  
[info@realco.be](mailto:info@realco.be) - [www.realco.be](http://www.realco.be)

### 1.4. Emergency telephone number

Emergency number : Int+32-70-245.245

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS-US classification

**Pure product** H319

Serious eye damage/eye irritation, Category 2A

#### Product used at recommended concentration (1%)

Not classified as hazardous.

Full text of H statements : see section 16

### 2.2. Label elements

#### GHS-US labelling

##### Pure product

Hazard pictograms (GHS-US)



GHS07

Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : H319 - Causes serious eye irritation  
Precautionary statements (GHS-US) : P264 - Wash hands, forearms and face thoroughly after handling  
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  
P337+P313 - If eye irritation persists: Get medical advice/attention

#### Product used at recommended concentration (1%)

Labeling not applicable. Product not classified as hazardous.

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

# DEGRES-L

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS-US classification
2-propanol	(CAS No) 67-63-0	1 - 5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Amines, coco alkyldimethyl, N-oxides	(CAS No) 61788-90-7	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : If on skin, take off contaminated clothing. Wash clothing before re-using. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air. Assure fresh air breathing. Allow the victim to rest.
- First-aid measures after skin contact : Flush with plenty of water. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

- Symptoms/injuries after inhalation : Cough.
- Symptoms/injuries after skin contact : Redness. Repeated or prolonged skin contact may cause irritation.
- Symptoms/injuries after eye contact : Redness, pain. Causes serious eye irritation.
- Symptoms/injuries after ingestion : Abdominal pain, nausea.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : All extinguishing agents can be used. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : None. Do not use a heavy water stream.

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

- Fire hazard : Not combustible.
- Explosion hazard : Product is not explosive.
- Reactivity : Stable under normal conditions of storage, handling and use.

#### 5.3. Advice for firefighters

- Precautionary measures fire : Self-contained breathing apparatus when in close proximity to fire.
- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

- General measures : Ensure adequate ventilation.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Personal protection. See Heading 8.2.
- Emergency procedures : Evacuate area. Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Personal protection. See Heading 8.2. Equip cleanup crew with proper protection.
- Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel. Stop leak if safe to do so. Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

# DEGRES-L

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 6.3. Methods and material for containment and cleaning up

- For containment : Dike for recovery or absorb with appropriate material.
- Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. Dilute residue with water. Rinse with plenty of water. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
- Other information : Use suitable disposal containers. Spill area may be slippery.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
- Hygiene measures : Wash hands, forearms and face thoroughly after handling.

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

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.
- Storage temperature : 4 - 25 °C
- Heat and ignition sources : Store away from direct sunlight or other heat sources.
- Storage area : Keep away from food, drink and animal feeding stuffs.
- Special rules on packaging : Keep only in original container.
- Packaging materials : PEHD.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Amines, coco alkyldimethyl, N-oxides (61788-90-7)

Not applicable

#### 2-propanol (67-63-0)

OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	400 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (ppm)	400 ppm
NIOSH	NIOSH REL (STEL) (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
NIOSH	NIOSH REL (STEL) (ppm)	500 ppm

### 8.2. Exposure controls

- Appropriate engineering controls : Ensure adequate air ventilation.
- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : In case of repeated or prolonged contact wear gloves. (EN 134). Wear protective gloves.
- Eye protection : Eye protection (standard EN 166). Chemical goggles or safety glasses.
- Skin and body protection : No special clothing/skin protection equipment is recommended under normal conditions of use.
- Respiratory protection : None necessary. Wear appropriate mask.
- Thermal hazard protection : Not applicable.
- Environmental exposure controls : Avoid release to the environment. Prevent entry to sewers and public waters.
- Other information : The equipment must be cleaned thoroughly after each use. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Do not eat, drink or smoke during use.

# DEGRES-L

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: light brown
Odour	: characteristic
Odour threshold	: Not determined
pH	: 8.5 - 9.5
Melting point	: Not tested
Freezing point	: Not tested
Boiling point	: Not tested
Critical temperature	: Not tested
Flash point	: Not tested
Relative evaporation rate (butylacetate=1)	: Not applicable
Relative evaporation rate (ether=1)	: Not applicable
Flammability (solid, gas)	: Not applicable
Explosive limits	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Not applicable.
Vapour pressure	: Not tested
Relative density	: 0.985 - 1.085
Relative vapour density at 20 °C	: No data available
Solubility	: Material highly soluble in water.
Log Pow	: Not tested Not tested
Auto-ignition temperature	: Not tested
Decomposition temperature	: Not tested
Viscosity	: No data available
Viscosity, kinematic	: Not tested
Viscosity, dynamic	: Not tested

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions of storage, handling and use.

#### 10.2. Chemical stability

Stable under normal conditions of storage, handling and use. Not established.

#### 10.3. Possibility of hazardous reactions

Stable under normal conditions of storage, handling and use. Not established.

#### 10.4. Conditions to avoid

None, to our knowledge. Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

None under normal conditions. Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

In the event of fire, may decompose : Carbon oxides (CO, CO<sub>2</sub>). fume. Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

# DEGRES-L

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>2-propanol (67-63-0)</b>	
LD50 oral rat	> 5000 mg/kg May cause corrosion or irritation of the linings of the mouth, throat, and gastrointestinal tract.
LD50 dermal rabbit	> 5000 mg/kg
Additional information	LD50, Inhalation, rat: > 20 mg/l (4 Hours, May cause irritation to the respiratory tract.)

Skin corrosion/irritation	: Not classified pH: 8.5 - 9.5
Serious eye damage/irritation	: Causes serious eye irritation. pH: 8.5 - 9.5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

<b>2-propanol (67-63-0)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: Cough.
Symptoms/injuries after skin contact	: Redness. Repeated or prolonged skin contact may cause irritation.
Symptoms/injuries after eye contact	: Redness, pain. Causes serious eye irritation.
Symptoms/injuries after ingestion	: Abdominal pain, nausea.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Amines, coco alkyldimethyl, N-oxides (61788-90-7)</b>	
Additional ecotoxicological information	LC50, Fish, acute, Danio rerio: 10-100 mg/l (96 Hours, (OECD 203)) EC50, daphnia, Daphnia magna: 4.4 mg/l (48 Hours, (US-EPA)) EC50, algae, Pseudokirchneriella subcapitata: 0.11 mg/l (96 Hours, (US-EPA)) EC50, Bacteria, Pseudomonas putida: 190 mg/l (16 Hours, (DIN 38412 part 8))

<b>2-propanol (67-63-0)</b>	
LC50 fish 1	9640 mg/l 96hours
EC50 Daphnia 1	> 1000 mg/l (Daphnia magna),4Hours
EC50 other aquatic organisms 2	> 1000 mg/l algae, 72hours

### 12.2. Persistence and degradability

<b>DEGRES-L</b>	
Persistence and degradability	Readily biodegradable. Not established.
Biodegradation	> 98 % (OECD 302B method)

<b>Amines, coco alkyldimethyl, N-oxides (61788-90-7)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 80 % (OECD 302 B)

<b>2-propanol (67-63-0)</b>	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

<b>DEGRES-L</b>	
Log Pow	Not tested
Log Kow	Not tested
Bioaccumulative potential	Not established.

# DEGRES-L

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 2-propanol (67-63-0)

Bioaccumulative potential	Not bioaccumulable.
---------------------------	---------------------

#### 12.4. Mobility in soil

### 2-propanol (67-63-0)

Ecology - soil	Soluble in water.
----------------	-------------------

#### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

**Product at recommended concentration (1%)** : Non-hazardous for the environment (non-hazardous mixture)

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Sewage disposal recommendations : May be discharged to wastewater treatment installation.

**Product at recommended concentration (1%)** : Non-hazardous for the environment. No special requirements needed for sewage disposal.

Waste disposal recommendations : WHEN TOTALLY EMPTY, containers are recyclable like any other packing. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

**Product at recommended concentration (1%)** : Non-hazardous for the environment. No special requirements needed for waste disposal.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

### TDG

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Alcool isopropilique	CAS No 67-63-0	1 - 5%
----------------------	----------------	--------

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

# DEGRES-L

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 16: Other information

Revision date : 04/16/2015

Other information : None.

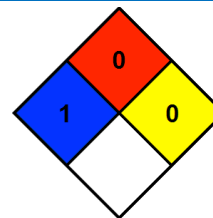
Full text of H-statements:

H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection : B

B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

*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*