

## 1 Identification

- **Product identifier**

- *Product number:* 10511GL

- *Trade name:* **ABBOT EUROMAGIC PRECAT GLOSS**

- **Details of the supplier of the safety data sheet**

- *Manufacturer/Supplier:*

- IVM Chemicals Srl

- Viale della Stazione 3 -27020 Parona (PV)Italy -Tel +39 038425441

- *Information department:*

- Environmental Health and safety office

- [hseoffice@ivmchemicals.com](mailto:hseoffice@ivmchemicals.com)

- **Emergency telephone number:**

- ChemTel Expert Assistance Hotline/SDS Fax Access by dialing 1-800-255-3924 or for International +1-813-248-0585.

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**

- *GHS label elements*

- The product is classified and labeled according to the Globally Harmonized System (GHS).

- *Hazard pictograms*



GHS02



GHS05



GHS07

- *Signal word* Danger

- *Hazard-determining components of labeling:*

- butan-1-ol

- 2-methylpropan-1-ol

- *Hazard statements*

- H225 Highly flammable liquid and vapor.

- H318 Causes serious eye damage.

- H336 May cause drowsiness or dizziness.

- *Precautionary statements*

- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P305+P351+P338 **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**

P501 **Dispose of contents/container in accordance with local/regional/national/international regulations.**

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description: Mixture: consisting of the following components.**

· **Dangerous components:**

141-78-6	ethyl acetate ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	25-29.9%
110-19-0	isobutyl acetate ⚠ Flam. Liq. 2, H225	15-19.9%
123-86-4	n-butyl acetate ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	10-<15%
67-63-0	propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	5-9.99%
71-36-3	butan-1-ol ⚠ Flam. Liq. 3, H226 ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	2.5-4.99%
77-90-7	tributyl O-acetylcitrate H402; Aquatic Chronic 3, H412	2.5-4.99%
78-83-1	2-methylpropan-1-ol ⚠ Flam. Liq. 3, H226 ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-2.49%
50-00-0	formaldehyde ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 ⚠ Carc. 1A, H350 ⚠ Skin Corr. 1B, H314 ⚠ Skin Sens. 1, H317	<0.1%

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#### 4 First-aid measures

· **Description of first aid measures**

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** Do not induce vomiting; immediately call for medical help.

· **Most important symptoms and effects, both acute and delayed**

For symptoms and effects caused by substances, refer to Section 11.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

#### 5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Alcohol resistant foam, CO, powder, water spray/mist.

· **For safety reasons unsuitable extinguishing agents:**

Do not use a jet water stream as it may scatter and spread fire.

· **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

· **Advice for firefighters**

· **Protective equipment:**

Hardhat with visor, fireproof clothing, suitable gloves and if necessary respiratory protective device.

#### 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to Section 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

#### 7 Handling and storage

· **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

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- **Information about protection against explosions and fires:**  
 Keep ignition sources away - Do not smoke.  
 Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
  - **Storage:**
    - **Requirements to be met by storerooms and receptacles:**  
 Store in a cool, well-ventilated area, away from heat and sources of ignition  
 Provide solvent resistant, sealed floor.  
 Observe the label precautions, the expiration date for the use, if indicated, is from delivery date of goods.  
 In cases where there is no reported expiration date, it means that the product must be used within 8 months.
    - **Information about storage in one common storage facility: Not required.**
    - **Further information about storage conditions:**  
 Keep receptacle tightly sealed.  
 Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** Those typical of the product and the instructions in the data sheet if required.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems: No further data; see item 7.**

### · Control parameters

- **Components with limit values that require monitoring at the workplace:**

#### **141-78-6 ethyl acetate**

PEL	Long-term value: 1400 mg/m <sup>3</sup> , 400 ppm
REL	Long-term value: 1400 mg/m <sup>3</sup> , 400 ppm
TLV	Long-term value: 1440 mg/m <sup>3</sup> , 400 ppm

#### **110-19-0 isobutyl acetate**

PEL	Long-term value: 700 mg/m <sup>3</sup> , 150 ppm
REL	Long-term value: 700 mg/m <sup>3</sup> , 150 ppm
TLV	Long-term value: 713 mg/m <sup>3</sup> , 150 ppm

#### **123-86-4 n-butyl acetate**

PEL	Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
REL	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
TLV	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 713 mg/m <sup>3</sup> , 150 ppm

#### **67-63-0 propan-2-ol**

PEL	Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
REL	Short-term value: 1225 mg/m <sup>3</sup> , 500 ppm Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
TLV	Short-term value: 984 mg/m <sup>3</sup> , 400 ppm Long-term value: 492 mg/m <sup>3</sup> , 200 ppm BEI

#### **71-36-3 butan-1-ol**

PEL	Long-term value: 300 mg/m <sup>3</sup> , 100 ppm
REL	Ceiling limit value: 150 mg/m <sup>3</sup> , 50 ppm Skin

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TLV	Long-term value: 61 mg/m <sup>3</sup> , 20 ppm
<b>78-83-1 2-methylpropan-1-ol</b>	
PEL	Long-term value: 300 mg/m <sup>3</sup> , 100 ppm
REL	Long-term value: 150 mg/m <sup>3</sup> , 50 ppm
TLV	Long-term value: 152 mg/m <sup>3</sup> , 50 ppm

· **Ingredients with biological limit values:**

<b>67-63-0 propan-2-ol</b>	
BEI	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves

Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

The glove material has to be impermeable and resistant to the product .

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

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## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

##### · Appearance:

##### · Form:

Fluid

##### · Color:

According to product specification

##### · Odor:

Characteristic

##### · Odour threshold:

Not determined.

##### · pH-value:

Not determined.

#### · Change in condition

##### · Melting point/Melting range:

Undetermined.

##### · Boiling point/Boiling range:

77 °C (171 °F)

##### · Flash point:

-4 °C (25 °F)

##### · Flammability (solid, gaseous):

Not applicable.

##### · Ignition temperature:

340 °C (644 °F)

##### · Decomposition temperature:

Not determined.

##### · Auto igniting:

Product is not selfigniting.

##### · Danger of explosion:

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

#### · Explosion limits:

##### · Lower:

1.2 Vol %

##### · Upper:

12.0 Vol %

##### · Vapor pressure at 20 °C (68 °F):

97 hPa (73 mm Hg)

##### · Density at 20 °C (68 °F):

0.908 g/cm<sup>3</sup> (7.577 lbs/gal)

##### · Relative density

Not determined.

##### · Vapour density

Not determined.

##### · Evaporation rate

Not determined.

#### · Solubility in / Miscibility with

##### · Water:

Not miscible or difficult to mix.

##### · Partition coefficient (n-octanol/water):

Not determined.

#### · Viscosity:

##### · Dynamic:

Not determined.

##### · Kinematic:

Not determined.

#### · Solvent content:

##### · VOC content:

74.3 %

674.3 g/l / 5.63 lb/gl

##### · Solids content:

25.7 %

#### · Other information (HAPS)

1330-20-7

xylene

0.1-&lt;0.5%

50-00-0

formaldehyde

&lt;0.1%

## 10 Stability and reactivity

· **Reactivity** typical of the product as indicated in the data sheet

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- **Chemical stability** The product is stable in normal conditions of storage and use recommended
  - **Thermal decomposition / conditions to be avoided:**  
 No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** Vapours may form explosive mixtures with air
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**  
 in case of possible formation of combustion:  
 Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

### 141-78-6 ethyl acetate

Oral	LD50	4934 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Dermal	LD50	>20000 mg/kg (Con)
Inhalative	LC0/6 h	>22.5 ppm (mouse)
	LC50/4 h	1600 mg/l (rat/szczur/mouse/souris/Maus/ratón)

### 110-19-0 isobutyl acetate

Oral	LD50	13400 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	17401 mg/kg (Con)
Inhalative	LC50/4 h	31 mg/l (rat/szczur/mouse/souris/Maus/ratón)

### 123-86-4 n-butyl acetate

Oral	LD50	10760 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	14000 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4 h	>21.0 mg/l (rat/szczur/mouse/souris/Maus/ratón)

### 67-63-0 propan-2-ol

Oral	LD50	5045 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	12800 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50	9640 mg/l (Leuciscus idus melanotus) (96 h)
	LC50/4 h	1001 mg/l (daphnia) (24 h) 30 mg/l (rat/szczur/mouse/souris/Maus/ratón)

### 71-36-3 butan-1-ol

Oral	LD50	790 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	3400 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4 h	8000 mg/l (rat/szczur/mouse/souris/Maus/ratón)

### 78-83-1 2-methylpropan-1-ol

Oral	LD50	2460 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	3400 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50	1430 mg/l (Leuciscus idus melanotus) (96 h)
		18.2 mg/l (rat/szczur/mouse/souris/Maus/ratón) (6 h)

### 50-00-0 formaldehyde

Oral	LD50	>200 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
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- **Primary irritant effect:**
  - *on the skin:* No irritant effect.
  - *on the eye:*
    - Strong caustic effect.
    - Strong irritant with the danger of severe eye injury.
    - Irritating effect.
- *Sensitization:* No sensitizing effects known.
- **Additional toxicological information:**
  - Causes serious eye damage.
  - May cause drowsiness or dizziness.
  - Contains formaldehyde. May produce an allergic reaction.
  - Irritant
- **Carcinogenic categories**

· <b>IARC (International Agency for Research on Cancer)</b>		
67-63-0	propan-2-ol	3
1330-20-7	xylene	3
50-00-0	formaldehyde	1
· <b>NTP (National Toxicology Program)</b>		
50-00-0	formaldehyde	K
· <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>		
50-00-0	formaldehyde	

**12 Ecological information**

· **Toxicity**

· <b>Aquatic toxicity:</b>	
<b>141-78-6 ethyl acetate</b>	
EC50	164 mg/l (daphnia)
LC50 (96h)	(daphnia)
<b>110-19-0 isobutyl acetate</b>	
EC50	25 mg/l (daphnia)
<b>123-86-4 n-butyl acetate</b>	
EC50	648 mg/l (algae) 72h
	44 mg/l (daphnia) 48h
LC50 (96h)	18 mg/l (Fish)

- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
  - **General notes:**
    - Water hazard class 1 (Self-assessment): slightly hazardous for water
    - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Other adverse effects** No further relevant information available.

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### 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Hand over to hazardous waste disposers.

Dispose of contents and container in accordance with local state and federal regulations.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· **UN-Number**

· **DOT**

NA1263

· **IMDG, IATA**

UN1263

· **UN proper shipping name**

· **DOT**

Paint

· **IMDG, IATA**

PAINT

· **Transport hazard class(es)**

· **DOT**



· **Class**

3 Flammable liquids

· **Label**

3

· **Class**

3 Flammable liquids

· **Label**

3

· **IMDG, IATA**



· **Class**

3 Flammable liquids

· **Label**

3

· **Packing group**

· **DOT, IMDG, IATA**

II

· **Environmental hazards:**

· **Marine pollutant:**

No

· **Special precautions for user**

Warning: Flammable liquids

· **Danger code (Kemler):**

33

· **EMS Number:**

F-E, S-E

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

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- **National regulations:**  
 The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** IVM Chemicals Srl
- **Contact:** See emergency phone
  - **Date of preparation / last revision** 08/27/2014 / 2
- **Abbreviations and acronyms:**
  - IMDG: International Maritime Code for Dangerous Goods
  - DOT: US Department of Transportation
  - IATA: International Air Transport Association
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - NFPA: National Fire Protection Association (USA)
  - HMIS: Hazardous Materials Identification System (USA)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - Flam. Liq. 2: Flammable liquids, Hazard Category 2
  - Flam. Liq. 3: Flammable liquids, Hazard Category 3
  - Acute Tox. 3: Acute toxicity, Hazard Category 3
  - Acute Tox. 4: Acute toxicity, Hazard Category 4
  - Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B
  - Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
  - Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
  - Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
  - Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
  - Carc. 1A: Carcinogenicity, Hazard Category 1A
  - STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
  - : Hazardous to the aquatic environment - AcuteHazard, Category 3
  - Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3
- **Sources**
  - Directive 1999/45/EC and following amendments
  - Directive 67/548/EEC and following amendments and adjustments
  - Agency ECHA web site
  - INRS Fiche Toxicologique
  - IARC International agency for research on cancer
- **\* Data compared to the previous version altered.**