



# PCLC/AL (PCLC/AL-US)

## Safety Data Sheet PCLC/AL-US

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

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Supersedes: 08/30/2017

Version: 2.2

### DRIVING SURFACE PERFECTION

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

##### 1.1. Product identifier

Product form : Mixture  
Product name : PCLC/AL (PCLC/AL-US)  
Product group : Aerosol  
Other means of identification : UP0804

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

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

###### Supplier

U-POL US Inc  
108 Commerce Way  
Stockertown PA 18083 - USA  
T 1-800-340-7824 - F 1-800-787-5150  
[technical.department@u-pol.com](mailto:technical.department@u-pol.com) - [www.u-pol.com](http://www.u-pol.com)

##### 1.4. Emergency telephone number

Emergency number : CHEMTREC - 1-800-424-9300

#### SECTION 2: Hazards identification

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

###### GHS-US classification

Flam. Aerosol 1 H222  
Eye Irrit. 2 H319  
Skin Sens. 1 H317  
Carc. 2 H351  
STOT SE 3 H336

##### 2.2. Label elements

###### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H222 - Extremely flammable aerosol  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H351 - Suspected of causing cancer

Precautionary statements (GHS-US) :

P211 - Do not spray on an open flame or other ignition source.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P261 - Avoid breathing fume, spray, vapors.  
P280 - Wear eye protection, protective clothing, protective gloves.  
P302+P352 - If on skin: Wash with plenty of soap and water  
P312 - Call a POISON CENTER if you feel unwell  
P305 - IF IN EYES: Rinse first with plenty of water and if necessary take medical advice

##### 2.3. Other hazards

No additional information available



# PCLC/AL (PCLC/AL-US)

## Safety Data Sheet

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

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 : No flames, no sparks. Eliminate all sources of ignition. Remove ignition sources. No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Use special care to avoid static electric charges.

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

Protective equipment : Safety glasses. Protective clothing. Gloves.  
Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Avoid breathing spray, vapors.  
Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

For containment : Contain leaking substance. Collect spillage.  
Methods for cleaning up : Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or burn, even after use.  
Precautions for safe handling : 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 vapor. Avoid breathing spray, vapors. Use only outdoors or in a well-ventilated area. Do not spray on an open flame or other ignition source.  
Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

Technical measures : Proper grounding procedures to avoid static electricity should be followed.  
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Ignition sources, Heat sources, Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place.  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.  
Storage temperature : < 25 °C  
Storage area : Store in a well-ventilated place.  
Special rules on packaging : Keep only in original container.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| PCLC/AL (PCLC/AL-US)    |                                     |                                   |
|-------------------------|-------------------------------------|-----------------------------------|
| ACGIH                   | Not applicable                      |                                   |
| OSHA                    | Not applicable                      |                                   |
| ethylbenzene (100-41-4) |                                     |                                   |
| ACGIH                   | ACGIH TWA (ppm)                     | 20 ppm                            |
| ACGIH                   | Remark (ACGIH)                      | URT irr; kidney dam (nephropathy) |
| OSHA                    | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 435 mg/m <sup>3</sup>             |

# PCLC/AL (PCLC/AL-US)

## Safety Data Sheet

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

| ethylbenzene (100-41-4)  |                                     |                              |
|--|-------------------------------------|------------------------------|
| OSHA   | OSHA PEL (TWA) (ppm)                | 100 ppm                      |
| reaction mass of $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -hydroxypoly(oxyethylene) and $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) |                                     |                              |
| ACGIH  | Not applicable                      |                              |
| OSHA   | Not applicable                      |                              |
| ethyl methyl ketone (78-93-3)  |                                     |                              |
| ACGIH  | ACGIH TWA (ppm)                     | 200 ppm                      |
| ACGIH  | ACGIH STEL (ppm)                    | 300 ppm                      |
| ACGIH  | Remark (ACGIH)                      | URT irr; CNS & PNS impair    |
| OSHA   | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 590 mg/m <sup>3</sup>        |
| OSHA   | OSHA PEL (TWA) (ppm)                | 200 ppm                      |
| 4-methylpentan-2-one, isobutyl methyl ketone (108-10-1)  |                                     |                              |
| ACGIH  | ACGIH TWA (ppm)                     | 20 ppm                       |
| ACGIH  | ACGIH STEL (ppm)                    | 75 ppm                       |
| ACGIH  | Remark (ACGIH)                      | URT irr; dizziness; headache |
| OSHA   | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 410 mg/m <sup>3</sup>        |
| OSHA   | OSHA PEL (TWA) (ppm)                | 100 ppm                      |
| Acetone (67-64-1)  |                                     |                              |
| ACGIH  | ACGIH TWA (ppm)                     | 250 ppm                      |
| ACGIH  | ACGIH STEL (ppm)                    | 500 ppm                      |
| ACGIH  | Remark (ACGIH)                      | eye irr; CNS impair; BEI     |
| OSHA   | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 2400 mg/m <sup>3</sup>       |
| OSHA   | OSHA PEL (TWA) (ppm)                | 1000 ppm                     |

### 8.2. Exposure controls

Personal protective equipment

: Avoid all unnecessary exposure. Gloves. Protective clothing. Safety glasses.



Materials for protective clothing

: Impermeable clothing.

Hand protection

: Wear protective gloves.

Eye protection

: Chemical goggles or safety glasses.

Skin and body protection

: Wear suitable protective clothing.

Respiratory protection

: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Other information

: Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

Physical state

: Liquid

Appearance

: Aerosol.

Color

: Colorless

Odor

: characteristic

Odor threshold

: No data available

pH

: No data available

Relative evaporation rate (butyl acetate=1)

: No data available

# PCLC/AL (PCLC/AL-US)

## Safety Data Sheet

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

|                                 |   |
|---------------------------------|---|
| Melting point                   | : No data available                                     |
| Freezing point                  | : No data available                                     |
| Boiling point                   | : No data available                                     |
| Flash point                     | : No data available                                     |
| Auto-ignition temperature       | : No data available                                     |
| Decomposition temperature       | : No data available                                     |
| Flammability (solid, gas)       | : No data available                                     |
| Vapor pressure                  | : No data available                                     |
| Relative vapor density at 20 °C | : No data available                                     |
| Relative density                | : No data available                                     |
| Solubility                      | : insoluble in water. soluble in most organic solvents. |
| Log Pow                         | : No data available                                     |
| Log Kow                         | : No data available                                     |
| Viscosity, kinematic            | : No data available                                     |
| Viscosity, dynamic              | : No data available                                     |
| Explosive properties            | : No data available                                     |
| Oxidizing properties            | : No data available                                     |
| Explosion limits                | : No data available                                     |

### 9.2. Other information

|           |                     |
|-----------|---------------------|
| MIR       | : 0.85              |
| Gas group | : Press. Gas (Liq.) |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| ethylbenzene (100-41-4) |              |
|-------------------------|--------------|
| ATE US (gases)          | 4500 ppmV/4h |
| ATE US (vapors)         | 11 mg/l/4h   |
| ATE US (dust, mist)     | 1.5 mg/l/4h  |

| 4-methylpentan-2-one, isobutyl methyl ketone (108-10-1) |              |
|---|--------------|
| ATE US (gases)  | 4500 ppmV/4h |
| ATE US (vapors)   | 11 mg/l/4h   |
| ATE US (dust, mist)                                     | 1.5 mg/l/4h  |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Not classified                       |
| Serious eye damage/irritation     | : Causes serious eye irritation.       |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |

# PCLC/AL (PCLC/AL-US)

## Safety Data Sheet

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

Germ cell mutagenicity : Not classified  
Based on available data, the classification criteria are not met

Carcinogenicity : Suspected of causing cancer.

| ethylbenzene (100-41-4) |                                      |
|-------------------------|--------------------------------------|
| IARC group              | 2B - Possibly carcinogenic to humans |

| 4-methylpentan-2-one, isobutyl methyl ketone (108-10-1) |                                      |
|---|--------------------------------------|
| IARC group  | 2B - Possibly carcinogenic to humans |

Reproductive toxicity : Not classified  
Based on available data, the classification criteria are not met

Specific target organ toxicity – single exposure : May cause drowsiness or dizziness.

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/effects after inhalation : Shortness of breath. May cause drowsiness or dizziness. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Causes serious eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

| PCLC/AL (PCLC/AL-US)          |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

### 12.3. Bioaccumulative potential

| PCLC/AL (PCLC/AL-US)      |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on the ozone layer : No additional information available

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to Remove waste in accordance with local and/or national regulations. Container under pressure. Do not drill or burn even after use.

Additional information : Flammable vapors may accumulate in the container.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT

Transport document description : UN1950 Aerosols (flammable, (each not exceeding 1 L capacity)), 2.1

# PCLC/AL (PCLC/AL-US)

## Safety Data Sheet

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

UN-No.(DOT) : UN1950  
Proper Shipping Name (DOT) : Aerosols  
flammable, (each not exceeding 1 L capacity)  
Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115  
Hazard labels (DOT) : 2.1 - Flammable gas



DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.  
DOT Packaging Exceptions (49 CFR 173.xxx) : 306  
DOT Packaging Non Bulk (49 CFR 173.xxx) : None  
DOT Packaging Bulk (49 CFR 173.xxx) : None  
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg  
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  
DOT Vessel Stowage Other : 25 - Shade from radiant heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

### Additional information

Other information : No supplementary information available.

### ADR

Transport document description : UN 1950 AEROSOLS, 2.1, (D)  
Class (ADR) : 2 - Gases  
Classification code (ADR) : 5F  
Hazard labels (ADR) : 2.1 - Flammable gases



Tunnel restriction code (ADR) : D  
LQ : 1I  
Excepted quantities (ADR) : E0

### Transport by sea

UN-No. (IMDG) : 1950  
Proper Shipping Name (IMDG) : AEROSOLS  
Class (IMDG) : 2 - Gases

### Air transport

UN-No. (IATA) : 1950  
Proper Shipping Name (IATA) : Aerosols, flammable  
Class (IATA) : 2

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

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.

|                        |                   |      |
|------------------------|-------------------|------|
| ethylbenzene           | CAS-No. 100-41-4  | < 5% |
| xylene                 | CAS-No. 1330-20-7 | < 5% |
| toluene                | CAS-No. 108-88-3  | < 5% |
| isobutyl methyl ketone | CAS-No. 108-10-1  | < 5% |

# PCLC/AL (PCLC/AL-US)

## Safety Data Sheet

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

|   |         |
|---|---------|
| <b>ethylbenzene (100-41-4)</b>  |         |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313  |         |
| CERCLA RQ   | 1000 lb |
| SARA Section 313 - Emission Reporting   | 0.1 %   |
| <b>reaction mass of <math>\alpha</math>-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-<math>\omega</math>-hydroxypoly(oxyethylene) and <math>\alpha</math>-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-<math>\omega</math>-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)</b> |         |
| Not listed on the United States TSCA (Toxic Substances Control Act) inventory   |         |
| <b>ethyl methyl ketone (78-93-3)</b>  |         |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Not subject to reporting requirements of the United States SARA Section 313  |         |
| CERCLA RQ   | 5000 lb |
| <b>isobutyl methyl ketone (108-10-1)</b>  |         |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313  |         |
| CERCLA RQ   | 5000 lb |
| <b>Acetone (67-64-1)</b>  |         |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Not subject to reporting requirements of the United States SARA Section 313  |         |
| CERCLA RQ   | 5000 lb |

### 15.2. International regulations

#### CANADA

|   |  |
|---|--|
| <b>ethylbenzene (100-41-4)</b>                        |  |
| Listed on the Canadian DSL (Domestic Substances List) |  |
| <b>ethyl methyl ketone (78-93-3)</b>                  |  |
| Listed on the Canadian DSL (Domestic Substances List) |  |
| <b>Acetone (67-64-1)</b>                              |  |
| Listed on the Canadian DSL (Domestic Substances List) |  |

#### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol 1 H222;H229

Eye Irrit. 2 H319

STOT SE 3 H336

Full text of H statements : see section 16

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

##### 15.2.2. National regulations

|   |  |
|---|--|
| <b>ethylbenzene (100-41-4)</b>  |  |
| Listed on IARC (International Agency for Research on Cancer)<br>Listed on EPA Hazardous Air Pollutant (HAPS)  |  |
| <b>reaction mass of <math>\alpha</math>-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-<math>\omega</math>-hydroxypoly(oxyethylene) and <math>\alpha</math>-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-<math>\omega</math>-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)</b> |  |
| Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)   |  |
| <b>ethyl methyl ketone (78-93-3)</b>  |  |
| Listed on EPA Hazardous Air Pollutant (HAPS)  |  |
| <b>isobutyl methyl ketone (108-10-1)</b>  |  |
| Listed on IARC (International Agency for Research on Cancer)  |  |

### 15.3. US State regulations

This product can expose you to ethylbenzene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



# PCLC/AL (PCLC/AL-US)

## Safety Data Sheet

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

| ethylbenzene (100-41-4)                               |   |   |   |                                  |
|---|---|---|---|----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significant risk level (NSRL) |
| Yes   | No  | No  | No  | 54 µg/day                        |

| isobutyl methyl ketone (108-10-1)                     |   |   |   |                                  |
|---|---|---|---|----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significant risk level (NSRL) |
| Yes   | No  | No  | No  |                                  |

### SECTION 16: Other information

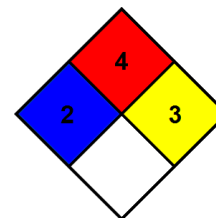
Revision date : 11/07/2017

Other information : None.

Full text of H-phrases:

|      |   |
|------|---|
| H225 | Highly flammable liquid and vapour                                |
| H304 | May be fatal if swallowed and enters airways                      |
| H317 | May cause an allergic skin reaction                               |
| H319 | Causes serious eye irritation                                     |
| H332 | Harmful if inhaled  |
| H335 | May cause respiratory irritation                                  |
| H336 | May cause drowsiness or dizziness                                 |
| H351 | Suspected of causing cancer                                       |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H411 | Toxic to aquatic life with long lasting effects                   |

- NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA fire hazard : 4 - Materials that rapidly or completely vaporize at atmospheric pressure and normal ambient temperature or that are readily dispersed in air and burn readily.
- NFPA reactivity : 3 - Materials that in themselves are capable of detonation or explosive decomposition or explosive reaction but that require a strong initiating source or must be heated under confinement before initiation.



SDS US UPOL

*For professional use only.*

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