

Safety Data Sheet PCGB/AL-US - UP0803

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

Date of issue: 08/18/2015 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Product name : PCGB/AL-US - UP0803

Product group : Aerosol

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

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 - www.u-pol.com

1.4. Emergency telephone number

Emergency number : CHEMTREC - 1-800-424-9300 (UK +44 (0) 1933 230310 (07:30 - 17:00hrs UK time))

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Aerosol 1 H222 Eye Irrit. 2A H319 STOT SE 3 H336

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



GHS07

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H222 - Extremely flammable aerosol

H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

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

P264 - Wash hands thoroughly after handling

P280 - Wear eye protection, protective clothing, protective gloves

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER if you feel unwell

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

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Name	Product identifier	%	GHS-US classification
Acetone	(CAS No) 67-64-1	23 - 43	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
xylene	(CAS No) 1330-20-7	< 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315
ethyl methyl ketone	(CAS No) 78-93-3	< 5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Solvent naphtha (petroleum), light arom.,		< 5	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
4-methylpentan-2-one, isobutyl methyl ketone	(CAS No) 108-10-1	< 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319 STOT SE 3, H335
ethylbenzene	(CAS No) 100-41-4	< 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304
toluene	(CAS No) 108-88-3	< 5	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : 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 : Cough. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call

a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : 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 : Direct contact with the eyes is likely to be irritating. Rinse cautiously with water for several

minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation

persists: Get medical advice/attention. 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 : Shortness of breath. May cause drowsiness or dizziness.

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

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of

burns and injuries.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment. DO NOT fight fire when fire

reaches explosives. Evacuate area.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : 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 : Collect spillage. Contain leaking substance.

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.

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

PCGB/AL-US - UP0803		
ACGIH	Not applicable	
OSHA	Not applicable	
Acetone (67-64-1)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	500 ppm
ACGIH	Remark (ACGIH)	eye irr; CNS impair; BEI
OSHA	OSHA PEL (TWA) (mg/m³)	2400 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

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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/m³) 590 mg/m³	ACGIH	Remark (ACGIH)	Visual impair; female repro;		
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/m³) 590 mg/m³	OSHA	Remark (OSHA)	(2) See Table Z-2.		
ACGIH ACGIH STEL (ppm) 300 ppm ACGIH Remark (ACGIH) URT irr; CNS & PNS impair OSHA OSHA PEL (TWA) (mg/m³) 590 mg/m³	ethyl methyl ketone (78-93-3)				
ACGIH Remark (ACGIH) URT irr; CNS & PNS impair OSHA OSHA PEL (TWA) (mg/m³) 590 mg/m³	ACGIH	ACGIH TWA (ppm)	200 ppm		
OSHA OSHA PEL (TWA) (mg/m³) 590 mg/m³	ACGIH	ACGIH STEL (ppm)	300 ppm		
	ACGIH	Remark (ACGIH)	URT irr; CNS & PNS impair		
OSHA OSHA PEL (TWA) (ppm) 200 ppm	OSHA	OSHA PEL (TWA) (mg/m³)	590 mg/m³		
	OSHA	OSHA PEL (TWA) (ppm)	200 ppm		

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure. Gloves. Protective clothing. Safety glasses.







Materials for protective clothing

Hand protection

Eye protection Skin and body protection

Respiratory protection
Other information

: Impermeable clothing.

: Wear protective gloves.

: Chemical goggles or safety glasses.

: Wear suitable protective clothing.

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

recommended.

: Do not eat, drink or smoke during use.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Gas Appearance Aerosol. Color Black Odor : characteristic Odor threshold No data available рΗ : No data available Relative evaporation rate (butyl acetate=1) : No data available No data available Melting point Freezing point : No data available Boiling point : No data available : No data available Flash point 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 No data available Solubility Log Pow No data available No data available Log Kow : No data available Viscosity, kinematic Viscosity, dynamic : No data available Explosive properties No data available Oxidizing properties : No data available

9.2. Other information

VOC content : 661 g/l
MIR : 1.5
Gas group : Liquefied gas

SECTION 10: Stability and reactivity

10.1. Reactivity

Explosion limits

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.

: No data available

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

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xylene (1330-20-7)	
ATE US (dermal)	1100.000 mg/kg body weight
ATE US (dust, mist)	1.500 mg/l/4h
4-methylpentan-2-one, isobutyl methyl keto	ne (108-10-1)
ATE US (gases)	4500.000 ppmV/4h
ATE US (vapors)	11.000 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h
ethylbenzene (100-41-4)	
ATE US (gases)	4500.000 ppmV/4h
ATE US (vapors)	11.000 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
	Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
ç ,	
xylene (1330-20-7)	
IARC group	3 - Not classifiable
4-methylpentan-2-one, isobutyl methyl keto	ne (108-10-1)
IARC group	2B - Possibly carcinogenic to humans
ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans
toluene (108-88-3)	
IARC group	3 - Not classifiable
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
oxpodulo,	
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 : Shortness of breath. May cause drowsiness or dizziness.

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

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

PCGB/AL-US - UP0803		
Persistence and degradability	Not established.	
Solvent naphtha (petroleum), light arom.,		

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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
Solvent naphtha (petroleum), light arom.,	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :

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

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.

Waste 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

UN-No.(DOT) : UN1950
Proper Shipping Name (DOT) : Aerosols

flammable, (each not exceeding 1 L capacity)

Transport hazard class(es) (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 : 75 kg

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 150 kg

CFR 175.75)

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.

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ADR

Transport document description : UN 1950 AEROSOLS, 2.1, (D)

Class (ADR) : 2 - Gases

: 5F Classification code (ADR)

Hazard labels (ADR) : 2.1 - Flammable gases



Tunnel restriction code (ADR) : D : 11 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)

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.

xylene	CAS No 1330-20-7	< 5
isobutyl methyl ketone	CAS No 108-10-1	< 5
ethylbenzene	CAS No 100-41-4	< 5
toluene	CAS No 108-88-3	< 5
maleic anhydride	CAS No 108-31-6	< 5

Acetone (67-64-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporing requirements of the United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's 5000 lb

List of Lists)

Solvent naphtha (petroleum), light arom.,

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

xylene (1330-20-7)

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

Subject to reporting requirements of United States SARA Section 313 RQ (Reportable quantity, section 304 of EPA's 100 lb

List of Lists)

isobutyl methyl ketone (108-10-1)

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

Subject to reporting requirements of United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's

List of Lists)

5000 lb

ethylbenzene (100-41-4)

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

Subject to reporting requirements of United States SARA Section 313 RQ (Reportable quantity, section 304 of EPA's 1000 lb

List of Lists)

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toluene (108-88-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313		
RQ (Reportable quantity, section 304 of EPA's 1000 lb List of Lists)		
ethyl methyl ketone (78-93-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporing requirements of the United States SARA Section 313		
RQ (Reportable quantity, section 304 of EPA's List of Lists)	5000 lb	

15.2. International regulations

CANADA

No additional information available

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-phrases: see section 16

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

15.2.2. National regulations

isobutyl methyl ketone (108-10-1)

Listed on IARC (International Agency for Research on Cancer)

ethylbenzene (100-41-4)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

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	Non-significant risk level (NSRL)
Yes	No	No	No	
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	Non-significant risk level (NSRL)
Yes	No	No	No	54
toluene (108-88-3)				
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	Non-significant risk level (NSRL)
No	Yes	Yes	Yes	7000

SECTION 16: Other information

Other information : None.

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Full text of H-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4	
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2	
Asp. Tox. 1	Aspiration hazard Category 1	
Carc. 2	Carcinogenicity Category 2	
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A	
Flam. Aerosol 1	Flammable aerosol Category 1	
Flam. Liq. 2	Flammable liquids Category 2	
Flam. Liq. 3	Flammable liquids Category 3	
Repr. 2	Reproductive toxicity Category 2	
Skin Irrit. 2	Skin corrosion/irritation Category 2	
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2	
STOT SE 3	Specific target organ toxicity (single exposure) Category 3	
STOT SE 3	Specific target organ toxicity (single exposure) Category 3	
H222	Extremely flammable aerosol	
H225	Highly flammable liquid and vapor	
H226	Flammable liquid and vapor	
H304	May be fatal if swallowed and enters airways	
H312	Harmful in contact with skin	
H315	Causes skin irritation	
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	
H361	Suspected of damaging fertility or the unborn child	
H373	May cause damage to organs through prolonged or repeated	
	exposure	
H411	Toxic to aquatic life with long lasting effects	

NFPA health hazard

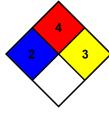
 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard

 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.

NFPA reactivity

 3 - Capable of detonation or explosive reaction, but requires a strong initiating source or must be heated under confinement before initiation, or reacts explosively with water.



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