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**SDS**  
**Advanced Polymer Technology**

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**QUALIPUR 6800 Part A**

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<b>1</b>	<b>PRODUCT AND COMPANY IDENTIFICATION</b>
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**Product Identifier:** QUALIPUR 6800 Part A  
**Revision Date:** 6/13/2018

**Supplier Details:** Advanced Polymer Technology  
P.O. Box 160, 109 Conica Lane  
Harmony, PA 16037

**Contact:** Senior Chemist  
**Phone:** 724-452-1330  
**Fax:** 724-452-1703  
**Email:** info@advpolytech.com  
**Internet:** www.advpolytech.com

**Transportation emergency phone number:** ChemTel Inc. (800)255-3924, +1 (813)248-0585

**Classification of Substance****GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Physical, Flammable Liquids, 3  
 Health, Specific target organ toxicity - Single exposure, 3  
 Health, Skin corrosion/irritation, 2

**GHS Label Elements, Including Precautionary Statements**

**GHS Signal Word: WARNING**

**GHS Hazard Pictograms:**

**GHS Hazard Statements:**

H226 - Flammable liquid and vapour  
 H336 - May cause drowsiness or dizziness  
 H315 - Causes skin irritation

**GHS Precautionary Statements:**

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P281 - Use personal protective equipment as required.  
 P233 - Keep container tightly closed.  
 P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P370+378 - In case of fire: Use Foam for extinction.  
 P403+235 - Store in a well ventilated place. Keep cool.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

May produce an allergic reaction.

Chemical Ingredients		
CAS#	%	Chemical Name
108-65-6	25-50%	2-Propanol, 1-methoxy-, acetate
123-86-4	10-25%	Butyl acetates
1330-20-7	10-25%	Xylene
13463-67-7	0-15%	Titanium dioxide
71-43-2	<0.01%	Benzene

Immediately remove any clothing soiled by the product.

In case of irregular breathing or respiratory arrest provide artificial respiration.

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.

Seek immediate medical advice.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Do not use mouth to mouth or mouth to nose resuscitation.

Use a respiratory bag or breathing device.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact:**

Remove contact lenses if worn.

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

**After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

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

Breathing difficulty

Allergic reactions

Nausea

Cramp

Dizziness

Profuse sweating

Disorientation

**Hazards**

Danger of circulatory collapse.

Danger of disturbed cardiac rhythm.

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

Contains lead salts. Consult literature for specific antidotes.

If swallowed, gastric irrigation with added, activated carbon.

Monitor circulation, possible shock treatment.

If necessary oxygen respiration treatment.

Medical supervision for at least 48 hours.

In cases of irritation to the lungs, initial treatment with corticoid inhalants.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

**Flash Point:** 88 °F / 31 °C

**Lower Explosive Limit:** 1,1 Vol %

**Upper Explosive Limit:** 10,8 Vol %

Suitable extinguishing agents:

Alcohol resistant foam

Gaseous extinguishing agents

Carbon dioxide

Fire-extinguishing powder

Water haze or fog

For safety reasons unsuitable extinguishing agents:

Water with full jet

Water spray

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Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Eliminate all ignition sources if safe to do so.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

No further relevant information available.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Isolate area and prevent access.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Protect from heat.

**Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

In case of seepage into the ground inform responsible authorities.

Do not allow to enter sewers/ surface or ground water.

Prevent from spreading (e.g. by damming-in or oil barriers).

Do not allow to penetrate the ground/soil.

Keep contaminated washing water and dispose of appropriately.

**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 item 13.

Do not flush with water or aqueous cleansing agents

Dispose of the material collected according to regulations.

**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.

**Handling Precautions:**

Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.  
Take note of emission threshold.  
Use closeable conveyance devices.

Information about fire - and explosion protection:  
Keep ignition sources away - Do not smoke.  
Protect from heat.  
Protect against electrostatic charges.  
Emergency cooling must be available in case of nearby fire.  
Keep respiratory protective device available.

**Storage Requirements:**

Requirements to be met by storerooms and receptacles:  
Store in a cool location.  
Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:  
Store away from foodstuffs.  
Do not store together with acids.  
Store away from oxidizing agents.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

<b>Engineering Controls:</b>	Educate and train employees in safe use of this product. Follow all label instruction. Local exhaust should be used to maintain levels below the TLV whenever this product is processed, heated or spray applied. For spray applications, an air-supplied respirator must be worn. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
<b>Personal Protective Equipment:</b>	<p>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.            Store protective clothing separately.            Do not inhale gases / fumes / aerosols.            Avoid contact with the eyes and skin.            Pregnant women should strictly avoid inhalation or skin contact.            Do not eat, drink, smoke or sniff while working.</p> <p>Respiratory protection:            Respiratory protection required.            Combined Organic Vapor and Particulate Respirator is recommended for use during all processing activities.</p> <p>Protection of hands:            Protective gloves            The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.            Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation            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.</p> <p>Eye protection:            Safety glasses</p> <p>Body protection: Protective work clothing</p> <p>Limitation and supervision of exposure into the environment            No further relevant information available.</p> <p>Risk management measures            Organizational measures should be in place for all activities involving this product.            See Section 7 for additional information.            No further relevant information available.</p>

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

PEL (USA) 710 mg/m<sup>3</sup>, 150 ppm

REL (USA) Short-term value: 950 mg/m<sup>3</sup>, 200 ppm / Long-term value: 710 mg/m<sup>3</sup>, 150 ppm

TLV (USA) Short-term value: 950 mg/m<sup>3</sup>, 200 ppm / Long-term value: 713 mg/m<sup>3</sup>, 150 ppm

EL (Canada) 20 ppm

EV (Canada) Short-term value: 950 mg/m<sup>3</sup>, 200 ppm / Long-term value: 710 mg/m<sup>3</sup>, 150 ppm

**1330-20-7 xylene**

IOELV (EU) Short-term value: 442 mg/m<sup>3</sup>, 100 ppm / Long-term value: 221 mg/m<sup>3</sup>, 50 ppm / Skin

PEL (USA) 435 mg/m<sup>3</sup>, 100 ppm

REL (USA) Short-term value: 655 mg/m<sup>3</sup>, 150 ppm / Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV (USA) Short-term value: 651 mg/m<sup>3</sup>, 150 ppm / Long-term value: 434 mg/m<sup>3</sup>, 100 ppm / BEI

EL (Canada) Short-term value: 150 ppm / Long-term value: 100 ppm

EV (Canada) Short-term value: 650 mg/m<sup>3</sup>, 150 ppm / Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

**108-65-6 2-methoxy-1-methylethyl acetate**

IOELV (EU) Short-term value: 550 mg/m<sup>3</sup>, 100 ppm / Long-term value: 275 mg/m<sup>3</sup>, 50 ppm / Skin

WEEL (USA) 50 ppm

EL (Canada) Short-term value: 75 ppm / Long-term value: 50 ppm

EV (Canada) 270 mg/m<sup>3</sup>, 50 ppm

**DNELs** No further relevant information available.

**PNECs** No further relevant information available.

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b>	Pigmented Liquid	<b>Flash Point:</b>	88 °F / 31 °C
<b>Physical State:</b>	Liquid	<b>Volatile organic compound:</b>	< 500 g/L
<b>Specific Gravity or Density:</b>	1,3 g/cm <sup>3</sup>		
<b>Boiling Point:</b>	212 °F / 100 °C		
<b>Vapor Pressure:</b>	10,7 hPa		

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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**Chemical Stability:** No decomposition if used and stored according to specifications.

**Conditions to Avoid identification:** No further relevant information available.

**Materials to Avoid identification:** Reacts with strong acids and oxidizing agents.

**Hazardous Decomposition:** Nitrogen oxides  
Poisonous gases/vapours  
Carbon monoxide and carbon dioxide

**Hazardous Polymerization:** Will not occur.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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**1330-20-7 xylene**

Oral LD50 4300 mg/kg (rat)

Dermal LD50 2000 mg/kg (rabbit)

**Primary irritant effect:**

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Slight irritant effect on eyes.

**Sensitization:** Sensitization possible through skin contact.

**Subacute to chronic toxicity:** Vapours have narcotic effect.

**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful

Irritant

Danger through skin adsorption.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

**Sensitisation:** Sensitization possible by skin contact.

**Repeated dose toxicity:**

May cause damage to organs through prolonged or repeated exposure .

Repeated exposures may result in skin and/or respiratory sensitivity.

**Aquatic toxicity:** Toxic for aquatic organisms

**Persistence and degradability** The product is partially biodegradable. Significant residuals remain.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Ecotoxicological effects:**

**Remark:**

Toxic for fish

Due to mechanical actions of the product (e.g. agglutinations) damages may occur.

The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen.

**Additional ecological information:**

**General notes:**

This statement was deduced from products with a similar structure or composition.

The product contains heavy metals. Avoid transfer into the environment. Specific preliminary treatments are necessary

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

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

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.



**UN-Number****DOT, ADR, IMDG, IATA**

UN1263

**UN proper shipping name****DOT, IATA**

PAINT RELATED MATERIAL

**ADR**

1263 PAINT RELATED MATERIAL

**IMDG**

PAINT RELATED MATERIAL

**Transport hazard class(es)****DOT Class**

3 Flammable liquids.

**Label**

3

**ADR Class**

3 (F1) Flammable liquids.

**Label**

3

**IMDG Class**

3 Flammable liquids.

**Label**

3

**IATA Class**

3 Flammable liquids.

**Label**

3

**Packing group****DOT, ADR, IMDG, IATA**

III

**Special precautions for user**

Warning: Flammable liquids.

**Danger code (Kemler):**

30

**EMS Number:**

F-E,S-E

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

Not applicable.

**Transport/Additional information:****ADR****Limited quantities (LQ)**

5L

**Transport category**

3

**Tunnel restriction code**

D/E

**UN "Model Regulation":** UN1263, PAINT, 3, III

<b>15</b>	<b>REGULATORY INFORMATION</b>
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Component (CAS#) [%] - CODES

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 2-Propanol, 1-methoxy-, acetate (108-65-6) [25-50%] TSCA

RQ(5000LBS), Butyl acetates (123-86-4) [10-25%] CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

RQ(100LBS), Xylene (1330-20-7) [10-25%] CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

Titanium dioxide (13463-67-7) [0-15%] MASS, OSHAWAC, PA, TSCA, TXAIR

Benzene (71-43-2) [<0.01%] CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, HWRCRA, MASS, NJHS, NRC, OSHAHTS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL



**WARNING**

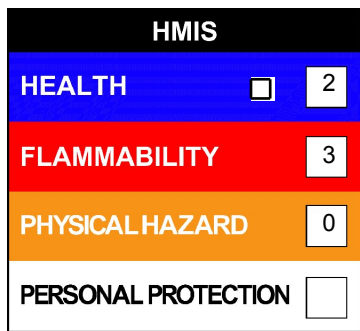
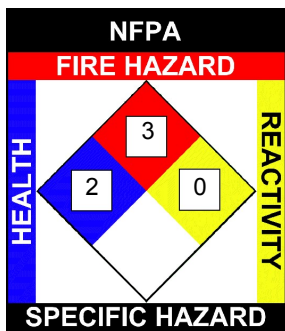
This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Regulatory CODE Descriptions

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- RQ = Reportable Quantity
  - TSCA = Toxic Substances Control Act
  - CERCLA = Superfund Cleanup Substances
  - CSWHS = Clean Water Act Hazardous Substances
  - MASS = MA Massachusetts Hazardous Substances List
  - OSHAWAC = OSHA Workplace Air Contaminants
  - PA = PA Right-To-Know List of Hazardous Substances
  - TXAIR = TX Air Contaminants with Health Effects Screening Level
  - EPCRAWPC = EPCRA Water Priority Chemicals
  - HAP = Hazardous Air Pollutants
  - NJHS = NJ Right-to-Know Hazardous Substances
  - SARA313 = SARA 313 Title III Toxic Chemicals
  - TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
  - TXHWL = TX Hazardous Waste List
  - GADSL = Global Automotive Declarable Substance List (GADSL)
  - HWRCRA = RCRA Hazardous Wastes
  - NRC = Nationally Recognized Carcinogens
  - OSHAHTS = OSHA Hazardous and Toxic Substances
  - PRIPOL = Clean Water Act Priority Pollutants
  - PROP65 = CA Prop 65
  - TOXICPOL = Clean Water Act Toxic Pollutants

<b>16</b>	<b>OTHER INFORMATION</b>
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**NFPA:** Health = 2, Fire = 3, Reactivity = 0, Specific Hazard = n/a  
**HMIS III:** Health = 2, Fire = 3, Physical Hazard = 0



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.

Revision Date: 6/13/2018