



SDS

Safety Data Sheet

QUALIPUR 5050 SA Part A

SDS Number:

Revision Date: 1/3/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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
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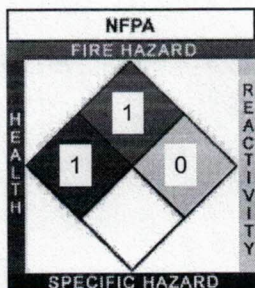
Product Name: QUALIPUR 5050 SA Part A
Revision Date: 1/3/2015

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

2 HAZARDS IDENTIFICATION

NFPA:
HMIS III:

Health = 1, Fire = 1, Reactivity = 0
H1/F1/PH0



HMIS III		
HEALTH	☐	1
FLAMMABILITY	☐	1
PHYSICAL HAZARDS	☐	0
PERSONAL PROTECTION		

The product is not classified according to the CLP regulation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
25214-63-5	<25%	1,2-Ethanediamine, polymer with methyloxirane
8001-79-4	<25%	Castor oil
70775-94-9	<25%	Sulfonic acids, C10-18-alkane, Ph esters
25038-36-2	<10%	Bicyclo[2.2.1]hept-2-ene, 5-ethylidene-, polymer with ethene and 1-propene



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FIRST AID MEASURES

Inhalation: Supply fresh air; consult doctor in case of complaints.
Skin Contact: Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
Eye Contact: Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. Then consult a doctor.
Ingestion: Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

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FIRE FIGHTING MEASURES

Flash Point: 200 °C (392 °F)

Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: None.

Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information Cool endangered receptacles with water spray.

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ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Not required.

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.

Ensure adequate ventilation.



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HANDLING AND STORAGE

Handling Precautions:

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

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.
Store away from oxidizing agents.
Store away from reducing agents.

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



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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Personal Protective Equip:

Ensure compliance yo all relevant OSHA regulations.
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.

Respiratory protection:

Use suitable respiratory protective device when aerosol or mist is formed.
Use suitable respiratory protective device in case of insufficient ventilation.

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.

For the permanent contact gloves made of the following materials are suitable:

Butyl rubber, BR
Nitrile rubber, NBR

Eye protection:

Contact lenses should not be worn.
Safety glasses

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment
No further relevant information available.

Risk management measures

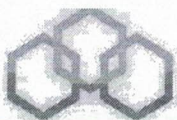
No further relevant information available.

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs No further relevant information available.

PNECs No further relevant information available.

Additional information: The lists valid during the making.



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9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Pigmented Liquid	Flash Point:	200 °C (392 °F)
Physical State:	Liquid	VOC:	2,0 g/L
Boiling Point:	351 °C (664 °F)	Auto-Ignition Temp:	450 °C (842 °F)
Vapor Pressure:	1 hPa		

10	STABILITY AND REACTIVITY
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Stability:	No decomposition if used and stored according to specifications.
Conditions to Avoid:	Store away from oxidizing agents.
Materials to Avoid:	Reacts with strong oxidizing agents. Reacts with peroxides and other radical forming substances. Reacts with catalysts.
Hazardous Decomposition:	Carbon monoxide and carbon dioxide Toxic metal oxide smoke
Hazardous Polymerization:	N.A.

11	TOXICOLOGICAL INFORMATION
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Primary irritant effect:
on the skin: No irritant effect.
on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.



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ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available.

Persistence and degradability

The product is partly biodegradable. Significant residuals remain.

A part of the components are biodegradable

Bioaccumulative potential Does not accumulate in organisms

Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

This statement was deduced from the properties of the single components.

Due to the consistence and the low watersolubility of the product a bioavailability is not probable.

Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.

Water hazard class 1 (German Regulation) (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.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

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DISPOSAL CONSIDERATIONS

Recommendation

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

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents:

Water, if necessary together with cleansing agents.



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TRANSPORT INFORMATION

UN-Number DOT, ADR, ADN, IMDG, IATA	N/A
UN proper shipping name DOT, ADR, ADN, IMDG, IATA	Resin Based Coating
Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class	N/A
Packing group DOT, ADR, IMDG, IATA	N/A
Marine pollutant	No
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation"	---

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*1,2-Ethanediamine, polymer with methyloxirane (25214635 <25%) TSCA

*Castor oil (8001794 <25%) TSCA

*Sulfonic acids, C10-18-alkane, Ph esters (70775949 <25%) TSCA

*Bicyclo[2.2.1]hept-2-ene, 5-ethylidene-, polymer with ethene and 1-propene (25038362 <10%) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

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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.