



Safety Data Sheet

Section 1 – Identification of the Substance and of the Company/Undertaking

1.1 Product Identification

Product Name: Polycomplex Q2

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

Use of mixture: Industrial

1.3 Details of the supplier of the safety data sheet

Supplier Details: United-Guardian, Inc.
P.O. Box 18050/230 Marcus Blvd.
Hauppauge, NY 11788 USA

1.4 Emergency telephone number

Emergency Phone Number: 1-800-424-9300 - ChemTrec

Email Contact: support@u-g.com

Section 2 – Hazards Identification

2.1 Classification of the substance or mixture

Classification in accordance with the Globally Harmonized Standard

Acute Toxicity (Oral)	Category 4
Skin Irritant	Category 2
Eye Damage	Category 1
STOT RE	Category 2

2.2 Label elements

GHS-US Labelling

Signal Word: Danger



2.3 Hazard Statements

H302: Harmful if swallowed

H315: Causes skin irritation

H318: Causes serious eye damage

H373: May cause damage to organs through prolonged or repeated exposure

2.4 Precautionary Statements

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305+351+338: 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 to disposal facility in accordance with local, state and federal regulations.

**Section 3 – Composition/Information on Ingredients****3.2 Mixture**

Common Name	CAS Number	Wt. % range
Cocamide DEA	68603-42-9	0-75%
Diethanolamine	111-42-2	0 – 25%

Section 4 – First Aid Measures**4.1 Description of first aid measures**

Skin: Remove affected person from source of contamination. Remove contaminated clothing. Wash affected area with copious amount of water. Seek medical attention if symptoms persist.

Eyes: Risk of serious damage to eyes. Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital taking along these instructions.

Ingestion: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Seek medical attention if the symptoms persist.

Inhalation: Move the exposed person to fresh air at once. Rinse nose and mouth with water. Seek medical attention if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after skin contact: Prolonged contact may cause redness, irritation and dry skin.

Symptoms/Injuries after eye contact: May cause severe irritation to eyes. Corneal damage.

Symptoms/Injuries after ingestions: Not determined

Symptoms/Injuries after inhalation: Not determined

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively

Section 5 – Firefighting Measures**5.1 Extinguishing media**

Suitable extinguishing Material: Class A (water) fire extinguisher, Class B (Carbon Dioxide) fire extinguisher, Class C (Dry Chemical) fire extinguisher

Unsuitable extinguishing media: None known

5.2 Special hazards arising from the substance or mixture

Combustion Products: CO, CO₂, NH₃

5.3 Advice for firefighters

Special Fire Fighting Procedures: Wear self-contained breathing apparatus for firefighting as necessary

Section 6 – Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

General Measures: See section 8. Eye contact MUST be prevented by means of suitable personal protection equipment.



6.2 Environmental Precautions

Do not discharge into drains or environment.

6.3 Methods for containment and cleaning up

Method for clean up: Stop leak if possible, without risk. Absorb in vermiculite, dry sand and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer. Avoid contact with skin or inhalation of spillage, dust or vapor.

6.4 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

Section 7 – Handling and Storage

7.1 Precautions for safe handling and storage

Precautions for safe handling: Avoid spilling, skin and eye contact.

7.2 Conditions for safe storage, including any incompatibilities

Conditions for safe storage: Store in tightly closed original container in a dry, cool and well-ventilated place. Do not store near heat sources or expose to high temperatures. Keep in original container.

7.3 Specific end use(s)

No further relevant information available

Section 8 – Exposure Controls/PPE

8.1 Control Parameters

Ingredients with limit values that require monitoring at the workplace:

Component	STD	TWA (8-hrs)	STEL (15 min)	Notes
Diethanolamine	ACGIH		1mg/m3	A3, Skin

ACGIH = American Conference of Governmental Industrial Hygienists
A3: Confirmed Animal Carcinogen with Unknown Relevance to Humans
Skin: Danger of cutaneous absorption (ACGIH)

8.2 Exposure Controls

Engineering Measures: Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.
Protective Measures: Gloves, Protective Glasses/Goggles, Self-Container Breathing Apparatus, Face Shield, Protective Apron

Section 9 – Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Yellow liquid	Odor Threshold: ND
Odor: Ammoniacal Odor	pH: 10.0 – 10.6
Melting Point/Range: N/A	Boiling Point: > 350 C (175 F)
Flash Point: N/A	Evaporation Rate: < water



Revision Date: 6/15/20

Flammability: Not flammable
LEL: ND
Vapor Pressure: Negligible
Relative Density: ND
Decomposition Temperature: ND
Auto Ignition Temperature: ND

Solubility: Water soluble
UEL: ND
Vapor Density: ND
Partition Coefficient: ND
Viscosity: Water-like

Section 10 – Reactivity Data

10.1 Reactivity

Non-reactive

10.2 Chemical Stability

Stable

10.3 Possibility of Hazardous Reactions

Hazardous polymerization will not occur

10.4 Conditions to Avoid

Avoid heat. Avoid excessive heat for prolonged periods of time. Avoid contact with acids and oxidizing substances. Thermal decomposition and burning may produce toxic by-products.

10.5 Incompatible materials

Strong oxidizing substances. Strong acids

10.6 Hazardous Decomposition Products

Carbon Monoxide and Carbon Dioxide

Section 11 – Toxicological Information

11.1 Information of toxicological effects

No information available

Section 12 – Ecological Information

12.1 Toxicity

Aquatic Toxicity:

Not Determined

12.2 Persistence and Degradability:

Not Determined

12.3 Bioaccumulative Potential:

Not Determined

12.4 Mobility in Soil:

The product is soluble in water.

12.5 Results of PBT and vPvB Assessment:

This product does not contain any PBT or vPvB substances.

12.6 Other Adverse Effects:

No further relevant information available

Section 13 – Disposal Considerations

13.1 Waste Treatment Methods

Treatment, Storage, Transportation and Disposal must be in accordance with applicable Federal, State and Local Regulations

Section 14 – Transport Information

14.1 UN Number



Revision Date: 6/15/20

DOT: 3082

14.2 UN proper shipping name

DOT: Regulated substance, Environmental Hazards, Liquid N.O.S. Contains DEA

14.3 Transport hazard class(es)

DOT: 9

14.4 Packaging group

DOT: III

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

Not applicable

Section 15 – Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture United States (USA)

SARA

Section 355 (Extremely Hazardous Substances)

None of the ingredients are listed

Section 313 (Specific Toxic Chemical Listings)

The following ingredients are listed: DIETHANOLAMINE 25%

TSCA

All ingredients are listed

Proposition 65 (California)

The following ingredients are listed: DIETHANOLAMINE

Section 16 – Other Information

The 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. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release. The information is related only to the specific material designated.

Abbreviations and acronyms:

N/A: Not applicable

ND: Not determined

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Revision/Issue Date: June 15, 2020

Changes from Last Revision: Update to section 15