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## Safety Data Sheet

**Manufacturer** : INSTRUMENTAL POLYMER TECHNOLOGIES, INC.  
**Product number** : QS384X  
**Trade name** : QUICKSTAR 384X  
**Printing date** : 20.11.15      **Reviewed on** : 03.08.15      **Page** : 1/ 5

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### 01. Identification of substance, preparation and company

#### Product name:

POLYCARBONATE DENDRIMER POLYOL

#### Manufacturer/Supplier

INSTRUMENTAL POLYMER TECHNOLOGIES  
717 LAKEFIELD ROAD, UNIT B  
WESTLAKE VILLAGE, CA, 91361

#### Telephone / Telefax

telephone: 314-566-7802

telefax : 805-778-1500

#### Emergency information

telephone: 314-566-7802

### 02. Hazards identification

#### Hazard designation

MODERATELY TOXIC

#### Effects of a Single Exposure

##### **Swallowing**

Moderately Toxic. May cause irritation of mouth and throat, abdominal discomfort nausea, vomiting and diarrhea. Headache may occur. Dizziness and drowsiness may occur.

##### **Skin Absorption**

No evidence of harmful effects from available information.

##### **Inhalation**

High concentrations of vapor cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, with chest pain and coughing. Loss of Consciousness may occur. Dizziness and drowsiness may occur. Headache may occur.

##### **Skin Contact**

Causes irritation with discomfort and local redness. Prolonged or repeated contact may cause defatting and drying of the skin.

##### **Eye Contact**

May cause mild discomfort. Excess redness of the conjunctiva may occur.

### 03. Composition/information on ingredients

#### Chemical characterization

POLYCARBONATE POLYOL

#### Non-hazardous components

POLYCARBONATE POLYOL

**Concentration** : 97 - 100 %      **CAS number** : 1217500-34-9

#### Hazardous Components

None

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### 04. First-aid measures

#### General

In all cases of doubt, or when sickness symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Immediately remove all contaminated clothing.

#### After inhalation

Remove to fresh air, keep patient warm and at rest.

Irregular breathing/no breathing: artificial respiration.

If unconscious place in recovery position and seek medical advice.

#### After skin contact

Wash skin thoroughly with soap and water or use recognised skin cleanser.

Do NOT use solvents or thinners !

#### After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

#### After ingestion

Keep at rest.

Do not induce vomiting - call a physician.

### 05. Fire-fighting measures

#### Suitable X inguishing media

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray

#### Unsuitable X inguishing media

Waterjet

#### Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

#### Special protective equipment

When X inguishing fires, use breathing apparatus with an independent source of air.

#### Additional information

Cool endangered containers with water in case of fire.

DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES

### 06. Accidental release measures

#### Personal precautions

Exclude sources of ignition and ventilate the area.

Avoid breathing vapours.

Refer to protective measures listed in sections 7 and 8.

#### Environmental precautions

Do not allow to enter drains or watercourses..

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

#### Methods for cleaning up/collecting

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

Clean preferably with a detergent; avoid use of solvents.

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### 07. Handling and storage

#### Information about separation of incompatible products

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

#### Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight.  
Keep containers dry and cool.

### 08. Exposure controls and personal protection

#### Additional information about engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general X raction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

#### Personal protective equipment

##### General protective and hygiene measures

Do not eat or drink during work - no smoking.  
Produktkontakt mit Haut, Augen und Kleidung vermeiden.  
Avoid the inhalation of dust from sanding, particulates and spray mist arising from the application of this preparation.  
When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

##### Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators:  
Use half-mask model with cartridge or air-fed

##### Hand protection

For prolonged or repeated handling, use glove types like nitrile, neoprene or polyvinyl alcohol.  
Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

##### Eye protection

Wear safety goggles to protect against solvent splashes.

##### Body protection

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

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### 09. Physical and chemical properties

#### Image

**Form** : liquid  
**Colour** : Transparant/Colourless  
**Odour** : Sweet Pleasant

#### Relevant safety data

##### Change in condition

Melting point: Not Applicable  
Boiling point: Not Applicable  
  
Flash point : > 100 Celcius  
Flammable limits :  
Lower / Upper : Not Applicable  
Vapour pressure : Not Applicable  
Density : ( 20 °C ) > 1.1 g/cm3  
Solubility in water : insoluble

### 10. Stability and reactivity

#### Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

#### Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

#### Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

### 11. Toxicological information

#### Experience on practice:

Exposure of vapour concentration in excess of the stated OEL's may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue muscular weakness, drowsiness and in X rem cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

### 12. Ecological information

There are no data available on the preparation itself. For componets which are dangerous for the environment see section 2.

The product should not be allowed to enter drains or water courses.

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### **Contaminated packaging Recommendation**

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

### **13. Disposal Considerations**

Not a hazardous waste. Dispose of in accordance with local, state and federal regulations.

### **14. Transport information**

**Not Regulated**

### **15. Regulatory information**

**SARA 313 Information** : This product contains none of the Substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization ACT of 1986 and CFR Part 372.

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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