1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: THINNER Q-6
SDS Number: SDS-T002
Product Use: INDUSTRIAL USE: THINNER

Revised Date: 9 DECEMBER 2014

MANUFACTURER:

In America:
The Indium Corporation of America
1676 Lincoln Ave., Utica NY 13502
Information: (315) 853-4900
nswarts@indium.com

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CHEMTREC 24 hrs.
USA: 1 (800) 424-9300
Outside USA: +1 (703) 527-3887

In Europe:
Indium Corporation of Europe
7 Newmarket Ct.
Kingston, Milton Keynes, UK, MK 10 OAG
Information: +44 [0] 1908 580400

In China:
Indium Corporation (Suzhou) Co., Ltd
No. 428 Xinglong Street
Suzhou Industrial Park
Suchun Industrial Square
Unit No. 14-C
Jiangsu Province, China 215126
Information: (86) 512-6283-4900

In Asia:
Indium Corporation of America
Asia-Pacific Operations-Singapore
29 Kian Teck Avenue
Singapore 628908
Information: 65 6268-8678
2. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY:

Eye
Inhalation
Skin
Ingestion

Carcinogen listed in
NTP IARC OSHA Not Listed

Signal Word: Danger

Hazard Statement(s)

H318 Causes serious eye damage

Precautionary statement(s)

P233 Keep container tightly closed
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P270 Do not eat, drink or smoke when using this product
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection
P362 Take off contaminated clothing and wash before reuse
P301 + P314 IF SWALLOWED: Get Medical advice/attention if you feel unwell
P302 +P352 IF ON SKIN: Wash with plenty of soap and water
P304 + 341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + 351 IF IN EYES: Rinse continuously with water for several minutes (15 mins)

Classification:
Serious eye damage- Category 1

POTENTIAL HEALTH EFFECTS:

Eye Contact: Vapors may be irritating and liquid may damage eye tissue. Irritant effects range from minimal to severe.

Ingestion: May cause persistent nausea, vomiting and abdominal pain.

Inhalation: In general, not a risk at room temperatures. Inhalation hazard increased with heating. Vapors may cause headache, rapid breathing and vomiting.

Skin Contact: Prolonged contact may cause irritation.

Chronic: Not established.

NOTE: The Indium Corporation does not recommend, manufacture, market or endorse any of its products for human consumption.
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>% wt</th>
<th>CAS Registry #</th>
<th>PEL mg/m³</th>
<th>TLV-TWA mg/m³</th>
<th>TLV-STEL mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYGLYCOL ETHER</td>
<td>100</td>
<td>-</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
</tbody>
</table>

Symbol: XI, Risk Phrases: R36/37/38
N.E. = Not established

PRODUCT DOES NOT CONTAIN ANY EU REACH SUBSTANCES OF VERY HIGH CONCERN (SVHC)

4. FIRST AID MEASURES

**Eye Contact:** Hold eyelids apart and flush eyes with plenty of tepid water for at least 15 minutes. Seek medical attention if irritation persists.

**Ingestion:** If patient is conscious, ONLY induce vomiting as directed by trained personnel. NEVER give anything by mouth to an unconscious person. Seek medical attention immediately.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration or oxygen by trained personnel. Seek immediate medical attention.

**Skin Contact:** Remove contaminated clothing. Wash affected area with soap and water. Wash clothing before reuse. If irritation persists, obtain medical attention.

5. FIRE FIGHTING MEASURES

**Flash Point:** 143C(289F) **Method:** Closed Cup

**Auto-ignition Temperature:** N/A

**Flammable Limits:** Combustible

**Extinguishing Media:** Water or fog or dry chemical. Use extinguishers appropriate for the surrounding fire conditions.

**Special Fire Fighting Procedures:** Wear protective clothing and self - contained breathing apparatus. Use water to cool fire exposed containers. Flammable vapors may travel great distances to ignition source and flash back.

6. ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedures:** DO NOT allow material to enter sewer system or waterway. Wear personal protective equipment. Eliminate sources of ignition. Ventilate area in accordance with regulations. Dispose of following all Federal, State and Local regulations.

7. HANDLING AND STORAGE

**Handling** Keep containers tightly closed when not in use. Use care to avoid spills. Wear personal protective equipment.
**Storage Precautions:** Store product in tightly capped original containers in a cool, dry area. Refer to product label for specific storage temperature requirements. Rotate stock to ensure use before expiration date on the label.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** Face velocity >2.1 cubic feet/minute in confined areas. Exhaust ventilation recommended. Recommend personal protective equipment, if ventilation equipment is not available or is not adequate.

**Personal Protection:**

- **Eyes:** Chemical safety glasses/goggles. Face shield for splash hazards.

- **Respirator:** A NIOSH approved or EU compliant CE marked air-purifying respirator with a fume/organic chemical cartridge is recommended where airborne concentrations are expected to be elevated.

- **Skin:** Compatible chemical resistant gloves. Use gloves such as rubber or PVC.

- **Other:** Lab coat, eye-wash fountain in work area. Avoid the use of contact lenses.

- **Work/Hygienic Practices:** Maintain good housekeeping. Clean up spills immediately.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong></td>
<td>Colorless liquid</td>
</tr>
<tr>
<td><strong>Boiling Point:</strong></td>
<td>278°C (532°F)</td>
</tr>
<tr>
<td><strong>Evaporation Rate:</strong></td>
<td>&lt;0.0001 Butyl Acetate=1</td>
</tr>
<tr>
<td><strong>Melting/Freezing Point:</strong></td>
<td>-35.2°C (-31.36°F)</td>
</tr>
<tr>
<td><strong>Specific Gravity:</strong></td>
<td>0.989 at 20°C</td>
</tr>
<tr>
<td><strong>Vapor Pressure:</strong></td>
<td>Negligible</td>
</tr>
<tr>
<td><strong>Solubility in Water:</strong></td>
<td>Soluble</td>
</tr>
<tr>
<td><strong>Vapor Density:</strong></td>
<td>7.1 (air=1)</td>
</tr>
<tr>
<td><strong>% Volatiles by volume:</strong></td>
<td>100</td>
</tr>
</tbody>
</table>

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**10. STABILITY AND REACTIVITY**

**General:** Stable.

**Conditions to Avoid:** No information available.

**Incompatible Materials:** Oxidizers, acids, strong bases

**Hazardous Decomposition / Combustion:** Carbon dioxide/carbon monoxide.

**Hazardous Polymerization:** Will not occur.
11. TOXICOLOGICAL INFORMATION

Carcinogenicity: National Toxicity Program NTP: No
Occupational Safety & Health Administration OSHA: No
International Agency for Research on Cancer IARC: No

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Irritation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral (rat) LD₅₀: 5300 mg/kg</td>
<td>Skin (rabbit): 10mg/24hr (open) mild</td>
</tr>
<tr>
<td>Dermal (rabbit) LD₅₀: 3540 mg/kg</td>
<td>Skin (rabbit): 500mg/24hr - mild</td>
</tr>
<tr>
<td>Oral (rat) LD₅₀: 6600 mg/kg</td>
<td>Eye (rabbit): 50mg – SEVERE</td>
</tr>
<tr>
<td>Dermal (rabbit): 3501 mg/kg</td>
<td>Eye (rabbit): 20mg/24hr – moderate</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Biodegradability: Data not established.
Aquatic Toxicity: Data not established.

13. DISPOSAL CONSIDERATION

Waste Disposal Method: Dispose of in accordance with all Federal, State and Local environmental regulations. Recycling may be an option.

14. TRANSPORT INFORMATION

Transport in accordance with applicable regulations and requirements. Non hazardous under shipping.
UN – NONE
MARINE POLLUTANT: NO

15. REGULATORY INFORMATION

The information in this Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated hereunder (29 CFR 1910.1200 ET. SEQ.).

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulation (CPR).

This product has been classified in accordance with the guidelines set by the Dept of Industrial Health of the Republic of Singapore.
This product has been classified in accordance with Mexican regulations: NOM-018-STPS-2000 and NOM-010-STPS-1999.

This product has been classified using the Chinese Occupational Exposure Limit for Hazardous Agents in the Workplace, GBZ2-2002.

SARA 313 Listing - 40 CFR 372.65: None

All ingredients are listed on the EPA TSCA Inventory.

EC Classification, Packaging and Labeling Requirements:

Symbol and Hazard Classification of Product

**Risk Phrases:**
R36/37/38  Irritating to eyes, respiratory system and skin

**Safety Phrases:**
S20/21  When using do not eat, drink or smoke
S23  Do not breathe fumes
S24/25  Avoid contact with skin and eyes
S28  After contact with skin wash immediately with plenty of soap and water
S36/37/39  Wear suitable protective clothing, gloves and eye/face protection
S62  If swallowed, do not induce vomiting seek medical advice immediately and show container or label
S7  Keep container tightly closed

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS Hazard Rating:</th>
<th>Health: 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fire: 1</td>
</tr>
<tr>
<td></td>
<td>Reactivity: 0</td>
</tr>
</tbody>
</table>

Revised Date: 9 DECEMBER 2014

Prepared by: Nancy Swarts, Indium Corporation of America

Approved by: Nancy Swarts, Indium Corporation of America

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