Safety Data Sheet

Isocyanate Developing Solution

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Isocyanate Developing Solution
OTHER/Generic NAMES: CLI Isocyanate Developing Solution
PART NUMBER: 1062/1063 (16 oz.)

PRODUCT USE: Developing solution for Aromatic and Aliphatic Isocyanate Surface & Skin Swypes™

MANUFACTURER: Colormetric Laboratories, Inc. (CLI)
1261A Rand Road
Des Plaines, IL  60016

FOR MORE INFORMATION CALL: (Monday-Friday, 9:00am-4:00pm)
1-847-803-3737
1-847-803-3739 (fax)
Email: clilabs@clilabs.com

IN CASE OF EMERGENCY CALL: (24 Hours/Day, 7 Days/Week)
1-800-424-9300 (CHEMTREC)

2. HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW: This product is a clear, colorless liquid. Has a light fragrance. The product may cause eye irritation. Non-irritant for skin. Repeated or prolonged exposure is not known to aggravate medical condition.

ROUTES OF ENTRY: Inhalation, Skin and/or Eye contact, Ingestion

POTENTIAL HEALTH EFFECTS

SKIN CONTACT: None

EYE CONTACT: May cause irritation

INGESTION: May be harmful if swallowed. Do NOT induce vomiting.

INHALATION: Mild irritation

ACUTE HEALTH HAZARDS: Irritating to eyes, upper respiratory tract irritation

TARGET ORGANS: Eyes, skin, respiratory system

No ingredients are listed by OSHA, IARC, or NTP, EPA as known or suspected carcinogens
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Amount</th>
<th>CAS Number</th>
<th>Hazardous</th>
<th>OSHA PEL.</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Oil</td>
<td>100%</td>
<td>8042-47-5</td>
<td>No</td>
<td>5 mg/m³ TWA (mist)</td>
<td>5 mg/m³ TWA (mist)</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES

SKIN CONTACT: Wash off with soap and water. Generally not harmful.

EYE CONTACT: Flush with plenty of water

INGESTION: Consult a physician

INHALATION: Remove to fresh air and consult a physician

ADVICE TO PHYSICIAN: Treat symptomatically

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLAMMABILITY OF PRODUCT: May be combustible at high temperatures

FLASH POINT: 380°F

AUTOIGNITION TEMPERATURE: Not available

UPPER FLAME LIMIT: Not available

LOWER FLAME LIMIT: Not available

HMIS HAZARD CLASSIFICATION

HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0
PROTECTION: 0

EXTINGUISHING MEDIA: Foam, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Oil fire

HAZARDOUS DECOMPOSITION PRODUCTS:
Toxic fumes of carbon monoxide & carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR OTHER RELEASE:

Containment Procedures: Use personal protective equipment. Ensure adequate ventilation.

Cleanup Procedures: Mop up spill (non-hazardous). Rinse with copious amounts of water. Consult state and federal EPA requirements.
7. HANDLING AND STORAGE

RECOMMENDED STORING CONDITIONS:
Stable under normal room-temperature conditions. Protect from freezing.

SHELF LIFE:
Indefinite

HANDLING:
Avoid contact with eyes. Do not swallow. Avoid breathing vapors. Wear approved respirator if vapor is irritating. Wash thoroughly after handling. Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
Local exhaust ventilation is recommended to effectively remove and prevent build-up of vapors.

VENTILATION:
Local exhaust acceptable

RESPIRATORY PROTECTION:
Wear approved respirator if vapor is irritating

EYE PROTECTION:
Use chemical splash goggles

SKIN PROTECTION:
Non-hazardous & non-irritating to skin

OTHER PROTECTIVE EQUIPMENT:
None necessary

EXPOSURE GUIDELINES

NIOSH: 5 mg/m³ TWA (10 mg/m³ STEL)
OSHA: 5 mg/m³ TWA
ACGIH: 5 mg/m³ TWA (inhalable fraction)

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear and colorless
PHYSICAL STATE: Liquid
MOLECULAR WEIGHT: Varies
CHEMICAL FORMULA: Not applicable
ODOR: Light fragrance
SPECIFIC GRAVITY (water = 1.0): 0.84
pH: Not applicable
SOLUBILITY IN WATER (weight %): Insoluble in water. Soluble in hydrocarbons.
BOILING POINT: 310°C
MELTING POINT: Not available
VAPOR PRESSURE: Not available
VAPOR DENSITY (air = 1.0): Not available
EVAPORATION RATE: Not applicable
PERCENT VOLATILES: Not applicable
FLASH POINT: 380°F
10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:
Thermally stable at typical use temperatures

INCOMPATIBILITIES:
Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:
Toxic carbon monoxide & carbon dioxide fumes

HAZARDOUS POLYMERIZATION:
None

CONDITIONS TO AVOID (POLYMERIZATION):
Fire

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

Acute oral toxicity: Mineral oil – LD50 mouse – 22 g/kg
Acute inhalation toxicity: Not available
Acute dermal toxicity: Not available

Carcinogenic effects:
   IARC Carcinogen List: Not listed
   NTP Carcinogen List: Not listed
   ACGIH Carcinogen List: Not listed

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: No data is available on the product itself.
Aquatic toxicity effects: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

   Waste from residues / unused products: Waste disposal must be in accordance with appropriate US, Federal, State and International regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.
   Contaminated packaging: None.

14. TRANSPORT INFORMATION

Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.
15. REGULATORY INFORMATION

SARA (311, 312) hazard class
Immediate health: None.
Delayed health: None.
Fire: None.
Sudden Release of Pressure Hazard: None.
Reactivity: None.

Federal and State Regulations: TSCA 8(b) inventory: Mineral oil
Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

International Inventories
WHMIS:
WHMIS trade secret: None.
WHMIS hazard class: None.

Notes:
1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensations and Liability Act.
4. TSCA = Toxic Substance Control Act.
5. WHMIS = Canadian Workplace Hazardous Materials Information System.
6. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

CURRENT ISSUE DATE: August 7, 2015

Questions about the information found on this MSDS should be directed to:

Colormetric Laboratories, Inc. (CLI)
1261A Rand Road       Des Plaines, IL 60016

Phone: (847) 803-3737       [9:00am-4:00pm Central Time, Mon-Fri]
Fax: (847) 803-3739
Email: clilabs@clilabs.com

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