Section 1 - Chemical Product and Company Identification

PRODUCT NAME: 2-Chloro-1,3-Butadiene (Chloroprene) in Xylene
CAS NUMBER: 126-99-8
CHEMICAL NAME: Same
FORMULA WEIGHT: 88.54
MSDS NUMBER: 7415

MONOMER-POLYMER & DAJAC LABORATORIES
4667 SOMERTON RD.
TREVOSE, PA 19053

EMERGENCY TELEPHONE NUMBER (CHEMTREC): (800) 424-8300 or (703) 527-3887
INFORMATION TELEPHONE NUMBER: (215) 364-1155

PREPARED BY: Michael A. Burns
March 8, 2011
SUPERSEDES: 6-30-2009

Section 2 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>CAS NUMBER</th>
<th>HAZARDOUS COMPONENT</th>
<th>NTP</th>
<th>IARC</th>
<th>SUB-PART Z</th>
<th>SARA 313</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OTHER LIMITS</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>126-99-8</td>
<td>2-Chloro-1,3-Butadiene</td>
<td>Y</td>
<td>2B</td>
<td>N</td>
<td>N</td>
<td>25ppm:9 0 mg/m3; 8hr.TWA Skin</td>
<td>10ppm, 36mg/m3 8hr.TWA Skin</td>
<td>N/D</td>
<td>50</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td>2B</td>
<td></td>
<td></td>
<td></td>
<td>100ppm, 435mg/m3 8hr.TWA</td>
<td>100ppm, 434mg/m3 8hr.TWA, A4</td>
<td>STEL 150ppm, 651mg/m3 A4</td>
<td>50</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTE(S) OF ENTRY: Inhalation, contact and ingestion.

HEALTH HAZARDS (ACUTE AND CHRONIC):

EYES: May cause eye irritation with tearing, pain or blurred vision.

SKIN: May cause skin irritation with itching, burning, redness, swelling or rash. Repeated and/or prolonged exposure may cause defatting of the skin with itching, redness or rash. Skin permeation may occur in amounts capable of producing the effects of systemic toxicity.
INHALATION: May cause respiratory system irritation with sneezing, sore throat or runny nose. Non-specific effects such as headache, nausea and weakness.

INGESTION: May be harmful. Short-term overexposure may cause irritation of the digestive tract with stomach pain, heartburn, nausea, vomiting or diarrhea; however there may be no symptoms at all.

SIGNS OF OVEREXPOSURE: Respiratory irritation, burn, dizziness, nausea, diarrhea, loss of consciousness

OTHER HEALTH WARNINGS: Increased susceptibility to the effects of this material may be observed in persons with pre-existing disease of the central nervous system, kidneys, liver, cardiovascular system, lungs, bone marrow.

Section 4 - First Aid Measures

EYE CONTACT: Remove contact lenses immediately. Wash with copious amounts of water for at least 15 minutes. Do not rub eyes. Seek medical attention immediately.

SKIN CONTACT: Wash thoroughly with soap and water. Remove contaminated clothing. If symptoms persist, call a physician.

INHALATION: Move to fresh air. Seek medical attention.

INGESTION: If swallowed, do not induce vomiting. Immediately drink a large quantity of milk or water and call a physician. Never give anything by mouth to an unconscious person.

Section 5 - Fire-Fighting Measures

FLASH POINT: -19 C (-2 F) (OC) FLAMMABLE LIMITS: N/D LEL: N/D UEL: N/D

EXTINGUISHING MEDIA: Foam, CO2, dry chemicals.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective equipment in confined areas.

UNUSUAL FIRE FIGHTING Hazard: Complete combustion gives hydrogen chloride, carbon dioxide, sulfur and water. Incomplete combustion gives in addition carbon monoxide, organic acids, aldehydes, and alcohol. Keep away from sparks and flames. Material forms explosive mixture in air.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

FOR LARGE SPILLS: Shut off all sources of ignition. Evacuate area. Wear self-contained breathing apparatus, rubber boots and gloves. Keep adequate ventilation. Cover with an activated carbon adsorbent, take up and place in closed container.
Transport outdoors. Cleaned up material is a RCRA Hazardous Waste. Ventilate area. Flush area with water to remove residues.

FOR SMALL SPILLS: Pick up with flame retardant treated absorbant and dispose of according to all applicable regulations.

Section 7 - Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Use safety goggles and chemical resistant rubber gloves and clothes. Wear appropriate NIOSH/MSHA-approved respirator with organic vapor cartridge N/A with local exhaust. Store in a tightly closed container in a dry, cool, ventilated area. Avoid initiators, heat or UV-light. Avoid contact with the material. Avoid prolonged or repeated exposure. Lab should equipped with a safety shower and an eye wash station. Wash thoroughly after handling material. Keep away from heat and open flames. Material should only be handled by qualified, experienced professionals.

OTHER PRECAUTIONS: Keep away from sparks, flames and heat. Rinse empty containers thoroughly with fresh xylene.

Section 8 - Exposure Controls / Personal Protection

VENTILATION REQUIREMENTS: Ventilation should be designed in accordance with good engineering practices.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: Wear appropriate NIOSH/MSHA-approved respirator with organic vapor cartridge N/A with local exhaust.

EYE PROTECTION: Splashproof goggles or face shield (ANSI Z87.1 or approved equivalent).

DERMAL PROTECTION: Protect all exposed skin from contact. Use impermeable gloves made of chemically inert material. Use chemically resistant apron or other chemically impervious clothing to avoid prolonged or repeated skin contact.

OTHER: Eyewash and safety showers should be available in areas where this product is handled.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>SOLUBILITY IN WATER:</th>
<th>Slightly soluble</th>
<th>SPECIFIC GRAVITY  ( (H_2O =1) )</th>
<th>0.913</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE AND ODOR:</td>
<td>Colorless liquid with slightly pungent odor.</td>
<td>BOILING POINT</td>
<td>N/E</td>
</tr>
<tr>
<td>OTHER INFORMATION:</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 10 - Stability and Reactivity

STABILITY: This material readily polymerizes with the evolution of heat, particularly in the absence of polymerization inhibitors. This material readily dimerize, particularly at elevated temperatures. The dimerization cannot be prevented. However, the rate of reaction can be reduced by either low temperature storage (0°C or less) or by dilution.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide, carbon dioxide, hydrogen chloride, organic acids, aldehydes, alcohol.

HAZARDOUS POLYMERIZATION: Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxide), oxidizing agents, air and/or heavy metal ions.

INCOMPATIBILITY:

MATERIALS TO AVOID: Materials generating free radicals, strong oxidizing agents and air. Keep away from sparks, flames and heat.

Section 11 - Toxicological Information

ACUTE EYE EFFECTS: An eye irritant.

ACUTE DERMAL EFFECTS:
- 2-Chloro-1,3-Butadiene: (LD50) Species rabbit >200 mg/kg
- Xylene (mixed isomers): ALD, rabbit 4,320 mg/kg

ACUTE INHALATION EFFECTS:
- 2-Chloro-1,3-Butadiene: (LC50) Species rat 11,800 mg/l (4 hr)
- Xylene (mixed isomers): (LC50) Species rat 6,700 ppm (4hr)

ACUTE ORAL EFFECTS:
- 2-Chloro-1,3-Butadiene: (LD50) Species rat 215 mg/kg
- Xylene (mixed isomers): (LD50) Species rat 4,500 mg/kg

Section 12 - Ecological Information

Ecotoxicological effect:

Aquatic Toxicity
- Xylene: 96 hour LC50, fathead minnow: 27-42 mg/L (Moderately toxic)
- 2-Chloro-1,3-Butadiene: 96 hour LC50, Bluegill Sunfish: 234 mg/L (Slightly toxic)

Do not release to streams, lakes, or sewers.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD: Burn in a chemical incinerator equipped with an afterburner and scrubber. Empty containers must be handled with care due to product residue. DO NOT HEAT OR CUT THE EMPTY CONTAINERS WITH ELECTRIC OR GAS TORCH. Observe all Federal, State and Local regulations.
Section 14 - Transport Information

DOT TRANSPORTATION DATA:

PROPER SHIPPING NAME: Flammable liquids, toxic, n.o.s. (Chlorobutadiene and Xylene)
HAZARD CLASS: 3
IDENTIFICATION NUMBER: UN 1992
PACKING GROUP: II
LABEL: Flammable Liquid, Toxic
SPECIAL PROVISIONS: Reportable Quantity 100 lbs (Xylene), 100 lbs (Chloroprene)
* Contact Monomer-Polymer and Dajac Laboratories, Inc. for information

Section 15 - Regulatory Information

CERCLA REPORTABLE QUANTITY: 100 Lbs.

RCRA STATUS: Meets the requirements for the Characteristic of Ignitability and has a EPA Hazardous Waste Code of D001.

SARA TITLE III STATUS:
SECTION 311/312: Immediate (acute) hazard; Delayed (chronic) hazard; Fire hazard
SECTION 313: 2-Chlorobuta-1,3-diene (Chloroprene), Xylene

Section 16 - Other Information

ADDITIONAL MANUFACTURER WARNINGS:

Store only in closed, properly labeled containers.

Do not use cutting or welding torches on drums, which contained this product unless they have been properly cleaned and purged.

Use only with adequate ventilation.

Do not eat, drink or smoke in work areas. Wash hands with soap and water prior to eating or using toilet facilities and at the end of the work shift. Launder contaminated clothing prior to reuse.

OTHER PRECAUTIONS AND COMMENTS: N/E

PREVIOUS REVISION DATE:

N/A = Not Applicable
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**** END MSDS ****