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# SEMCO CHEMICAL PRODUCTS

## Material Safety Data Sheet

Revised Date: 15-04-2016

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### Section -1: Product Information

**Product Identification :** Cirkill  
**Company Name :** Semco Chemical Product  
**Company Address :** 126 Mukto Bangla Shopping Complex (6<sup>th</sup> floor), Dhaka-1216.  
**Emergency Phone No. :** 02-9024269, 8034915, 01917710275  
**E-mail :** [info@semcogroupbd.com](mailto:info@semcogroupbd.com)  
**Web :** [www.semcogroupbd.com](http://www.semcogroupbd.com)

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### Section-2: Ingredients

#### Cas No

- |                 |            |
|-----------------|------------|
| 1. Acetone      | (67-64-1)  |
| 2. Amyl acetate | (628-63-7) |

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### Section- 3 : Hazards Identification

#### **Potential Acute Health Effects:**

Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).

#### **Potential Chronic Health Effects:**

**CARCINOGENIC EFFECTS:** Not available. **MUTAGENIC EFFECTS:** Not available.

**TERATOGENIC EFFECTS:** Not available.

**DEVELOPMENTAL TOXICITY:** Not available. The substance is toxic to kidneys. Repeated or prolonged exposure to the substance can produce target organs damage.

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### Section – 4 First Aid Measure

**Eye:** In case of contact with eyes immediately flush eyes with plenty of water for at least 15 min. If necessary get medical attention.

**Skin :** Remove contaminated clothing. Wash exposed area with soap and water. Get medical attention if irritation or symptoms of exposure develop.

**Inhalation:** Move victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

**Ingestion:** If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

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#### **Section-5 : Fire Fighting Measure**

1. Should be kept away from fire
2. Use water, carbon dioxide or dry chemical.
3. Cool containers/tanks with water spray.
4. Fire extinguisher can be used when needed.

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#### **Section- 6 : Accidental Release Measures**

**Small Spill:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority Requirements .

**Large Spill:** Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas, dike if needed. Be careful that the product is not present at a concentration level above TLV.

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#### **Section -7 : Handling & Storage**

##### **Precautions:**

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as alkalis.

**Storage:**

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

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**Section -8 : Exposure Control & Personal Protection****Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection:**

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves (impervious).

**Personal Protection in Case of a Large Spill:**

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:**

TWA: 100 from ACGIH (TLV) [United States] Consult local authorities for acceptable exposure limits

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**Section-9 : : Physical and chemical Properties:**

Physical Appearance	:	Colourless Liquid
Solubility	:	Partially soluble in water
pH at 27 <sup>0</sup> C	:	7.4
Volatile Matter Content at 105 <sup>0</sup> C	:	99.60%
Density	:	0.783 gm/cc
Boiling range	:	57 <sup>0</sup> -65 <sup>0</sup> C
Reference	:	BCSIR, Dhaka.

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**Section-10 : Stability & Reactivity Data**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Excess heat, ignition sources, exposure to moisture, air, or water, incompatible materials.

**Incompatibility with various substances:** Reactive with oxidizing agents, reducing agents, acids, alkalis.

**Corrosivity:** Non-corrosive in presence of glass.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Will not occur.

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### **Section-11 : Toxicological Data**

**Routes of Entry:** Eye contact. Inhalation. Ingestion.

**Toxicity to Animals:** Acute oral toxicity (LD50): 6500 mg/kg [Rat.].

**Chronic Effects on Humans:** Causes damage to the following organs: kidneys.

**Other Toxic Effects on Humans:** Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Material is irritating to mucous membranes and upper respiratory tract

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### **Section-12 : Ecological Data**

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are more toxic.

**Special Remarks on the Products of Biodegradation:** Not available

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### **Section 13 : Disposal Consideration**

Waste disposal method: General Procedure

In Accordance with local authority regulations,

Take to apical waste incineration plant.

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### **Section 14: Transport Information**

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Amyl Acetate UNNA: UN1104 PG: III

Special Provisions for Transport: Not available

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### **Section 15: Regulatory Information**

**Federal and State Regulations: Pennsylvania RTK:** Amyl acetate Massachusetts RTK: Amyl acetate TSCA 8(b) inventory: Amyl acetate

**Other Regulations:** OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**Other Classifications:**

**WHMIS (Canada):**

**CLASS B-2:** Flammable liquid with a flash point lower than 37.8°C (100°F).

**DSCL (EEC):** R10- Flammable. R36- Irritating to eyes.

**HMIS (U.S.A.):**

**Health Hazard:** 1

**Fire Hazard:** 3

**Reactivity:** 0

**Personal Protection:** j

**National Fire Protection Association (U.S.A.):**

**Health:** 1

**Flammability:** 3

**Reactivity:** 0

**Specific hazard :**

**Protective Equipment:**

Gloves (impervious). Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

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### **Section 16: Other Information**

It is intended to describe the product from the point of view of safety requirements and is not intended to guarantee any particular properties.

Md. Salauddin Khan, Chemist (Operation)  
SEMCO CHEMICAL PRODUCTS.