

**MATERIAL SAFETY DATA SHEET**

Product Name: AdSolv-C

CAS No.: 56-23-5

Version: 0

**1. Identification**

**Product Code** : 90059,91898,91560  
**Company Name** : Advent Chembio Private Limited  
**Address** : W-288, MIDC, TTC INDUSTRIAL AREA, THANE-BELAPUR ROAD, RABALE, NAVI MUMBAI - 400 701.  
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**WEBSITE** : [www.adventchembio.com](http://www.adventchembio.com)  
**Company Phone Number** : 022-27690837

**2. Hazards Identification****Hazard classification**

Acute toxicity, Oral : Category 3  
Acute toxicity, Inhalation : Category 3  
Acute toxicity, Dermal : Category 3  
Skin sensitisation : Category 1 B  
Carcinogenicity : Category 2  
Specific target organ toxicity - repeated exposure : Category 1  
Chronic aquatic toxicity : Category 3  
Hazardous to the ozone layer : Category 1

**Labels elements**

Hazard symbol



**Signal word** : Danger  
**Hazard statement** : Toxic if swallowed, in contact with skin or if inhaled  
May cause an allergic skin reaction.  
Suspected of causing cancer.  
Causes damage to organs through prolonged or repeated exposure.  
Harmful to aquatic life with long lasting effects.  
Harms public health and the environment by destroying ozone in the upper atmosphere.  
**Precautionary statement** : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
Avoid release to the environment.  
Wear protective gloves/ protective clothing/ eye protection/ face

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protection.

IF SWALLOWED: Immediately call a POISON

CENTER/doctor. Rinse mouth.

Store in a well-ventilated place. Keep container tightly closed.

Refer to manufacturer/ supplier for information on recovery/  
recycling.**Supplemental Hazard  
Statements** : None**3. Composition/information on ingredients**

<b>Ingredient</b>	: Tetrachloromethane
<b>CAS No.</b>	: 56-23-5
<b>Percent</b>	: NLT 98.0%
<b>Formula</b>	: CCl <sub>4</sub>
<b>Molecular Weight</b>	: 153.82g/mol

**4. First Aid Measures****Description of first aid measures**

<b>General advice</b>	: Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Skin contact</b>	: Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
<b>Eye contact</b>	: Flush eyes with water as a precaution.
<b>Swallowed</b>	: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Most important symptoms and effects, both acute and delayed</b>	: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
<b>Indication of any immediate medical attention and special treatment needed</b>	: No data available

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Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture** : Carbon oxides, Hydrogen chloride gas

**Advice for firefighters** : Wear self contained breathing apparatus for firefighting if necessary.

**6. Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures** : Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions** : Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up** : Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**7. Handling and storage**

**Precautions for safe handling** : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**8. Exposure Controls / Personal Protection**

**Exposure limit** : No data available

**Appropriate engineering controls** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment**

Respiratory protection : Air-purifying respirators

Hand protection : Handle with gloves

Eye protection : Face shield and safety glasses

Skin and Body Protection : Complete suit protecting against chemicals

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<b>Appearance</b>	:	A clear, colourless liquid with a characteristic odour.
<b>Odor</b>	:	No data available
<b>pH</b>	:	No data available
<b>Melting point/freezing point</b>	:	-23 °C - lit.
<b>Initial boiling point and boiling range</b>	:	76 - 77 °C - lit.
<b>Flash Point</b>	:	No data available
<b>Vapor pressure</b>	:	No data available
<b>Vapor density</b>	:	No data available
<b>Relative density</b>	:	1.594 g/cm <sup>3</sup> at 25 °C
<b>Solubility in water</b>	:	0.8461 g/l at 20 °C
<b>Solubility (other)</b>	:	No data available

**10. Stability and Reactivity**

<b>Reactivity</b>	:	No data available
<b>Chemical stability</b>	:	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	:	No data available
<b>Conditions to avoid</b>	:	No data available
<b>Incompatible materials</b>	:	Strong oxidizing agents
<b>Hazardous decomposition products</b>	:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas

**11. Toxicological Information****Information on toxicological effects**

<b>Acute toxicity</b>	:	No data available
<b>Skin corrosion/irritation</b>	:	No data available
<b>Serious eye damage/eye irritation</b>	:	No data available
<b>Respiratory or skin sensitization</b>	:	No data available
<b>Germ cell mutagenicity</b>	:	No data available
<b>Carcinogenicity</b>		
IARC	:	No data available
NTP	:	No data available
OSHA	:	No data available

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**Reproductive toxicity** : No data available  
**Route of Exposure** : No data available  
**Signs and Symptoms of Exposure** : No data available

**12. Ecological Information**

**Toxicity** : No data available  
**Persistence and degradability** : No data available  
**Bioaccumulative potential** : No data available  
**Mobility in soil** : No data available.  
**Other adverse effects** : Harmful to aquatic life.

**13. Disposal consideration**

**Disposal instructions** : Offer surplus and non-recyclable solutions to a licensed disposal company.  
**Contaminated packaging** : Dispose of as unused product.

**14. Transport Information**

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
<b>DOT</b>	1846	CARBON TETRACHLORIDE	6.1	II	No
<b>IMDG</b>	1846	CARBON TETRACHLORIDE	6.1	II	No
<b>IATA</b>	1846	CARBON TETRACHLORIDE	6.1	II	No

**15. Regulatory Information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture  
 No Data Available.

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