



## SAFETY DATA SHEET

### SOLVENT D80

#### 1.IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name:	SOLVENT D80
Recommended use:	Chemical for industrial
Manufacturer/Supplier:	<b>MODERN CHEMICAL CO.,LTD.</b> 82/80 Soi Ekamai 22 (Nuannoi), Sukhumvit 63, Klong Tan Nuea, Watthana, Bangkok 10110
Telephone No:	0-2715-0897-9, 0-2392-3410-3
Fax No:	0-2715-0908-9, 0-2391-1571-2
Emergency Telephone No:	0-2715-0897-9, 0-2392-3410-3

#### 2. HAZARDS IDENTIFICATION

##### Label elements

Pictogram



Signal word

Danger

##### Hazard statement(s)

- 1.) Causes skin irritation.
- 2.) May be fatal if swallowed and enters airways.
- 3.) May cause drowsiness or dizziness.
- 4.) Toxic to aquatic life with long lasting effects.
- 5.) May damage the unborn child. Suspected of damaging fertility.

##### Precautionary statement(s)

- 1.) Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- 2.) Avoid release to the environment



- 3.) IF SWALLOWED: call a doctor/physician. Do NOT induce vomiting.
- 4.) IF IN EYES: Rinse cautiously with water for 15 minutes.
- 5.) IF ON SKIN Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonym: N/A

Ingredients	% (w/w)	CAS NO.
SOLVENT D80	100	64742-47-8

### 4. FIRST AID MEASURES

- General advice:** Show this safety data sheet to the doctor in attendance.
- Inhalation:** Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
- Skin contact:** Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
- Eye contact:** Flush thoroughly with water. If irritation occurs, get medical assistance.
- Ingestion:** Seek immediate medical attention. **Do not induce vomiting.**

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**Unsuitable Extinguishing Media:**

Straight streams of water

**Specific hazards arising from Chemicals:**

Smoke, Fume, Incomplete combustion products, Oxides of carbon

**Special protective equipment for fire-fighters:**

No data available



## 6. ACCIDENTAL RELEASE MEAS

**Precautions:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**Environmental precautions:** Large Spills: Dyke far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

### Methods and Material for Containment and Clean Up:

Land Spill: Stop leak if you can do so without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Recover by pumping or with suitable absorbent.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling & Product Transfer:

Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source).

### Conditions for Safe Storage & Unsuitable Materials:

The container choice, for example storage vessel, may effect static accumulation and dissipation. Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No data available

**Appropriate Engineering Controls:** No data available

### Individual Protection Measures

**Respiratory protection:** If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

**Hand protection:** Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and



replace worn or damaged gloves. The types of gloves to be considered for this material include:

**Eye protection:**

If contact is likely, safety glasses with side shields are recommended.

**Skin and body protections:**

Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:  
Chemical/oil resistant clothing is recommended.

**Hygiene measures:**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form, Color and Odor :</b> liquid, Colorless , Characteristic	<b>Evaporation rate :</b> N/A
<b>Melting Point :</b> N/A	<b>Specific gravity :</b> 0.771-0.871 g/cm <sup>3</sup> at 15 °C
<b>pH :</b> N/A	<b>Solubility in water :</b> Not Soluble
<b>Boiling point :</b> 180-270 °C	<b>Viscosity :</b> N/A
<b>Vapour pressure :</b> < 0.1 kPa (0.75 mm Hg) at 25°C	<b>Vapour density (air=1) :</b> > 1 at 101 kPa
<b>Lower explosive limits :</b> 0.6%Vol	<b>Upper explosive limits :</b> 7.0%Vol
<b>Auto-ignition temperature :</b> >200°C	<b>Flash point:</b> >70 °C
<b>Odour threshold:</b> N/A	<b>Flammability (solid, gas):</b> N/A
<b>Decomposition temperature:</b> N/A	<b>Solubility in other solvents:</b> N/A
<b>n-octanol/water partition coefficient (log P<sub>ow</sub>):</b> N/A	

**10. STABILITY AND REACTIVITY****Chemical Stability:**

Material is stable under normal conditions.

**Reactions:**

No data available

**Possibility of Hazardous Reactions:**

Hazardous polymerization will not occur.

**Conditions to avoid:**

Avoid heat, sparks, open flames and other ignition sources.

**Materials to avoid:**

Strong oxidisers

**Hazardous decomposition products:**

Material does not decompose at ambient temperatures.



## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	LD50 (oral, rat): >15,000 mg/kg
<b>Sensitization:</b>	No data available
<b>Chronic toxicity:</b>	No data available
<b>Further toxicological information:</b>	No data available

## 12. ECOLOGICAL INFORMATION

### Toxicity

Toxicity to fish:	Not expected to be harmful to aquatic organisms.
Toxicity to daphnia and other aquatic invertebrates	Not expected to demonstrate chronic toxicity to aquatic organisms
Toxicity to algae	No data available
Toxicity to bacteria	No data available
<b>Biodegradability Remarks:</b>	Expected to be readily biodegradable.
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility:</b>	No data available
<b>Affected in any other way:</b>	No data available

## 13. DISPOSAL CONSIDERATIONS

<b>Material Disposal:</b>	Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.
<b>Container Disposal:</b>	Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations.

## 14. TRANSPORT INFORMATION

### ADR/ADNR

UN-NO: 9003 Class: 9 Packing group : N/A

Proper shipping group: SUBSTANCES WITH  $60^{\circ}\text{C} < f.p. \leq 100^{\circ}\text{C}$

### IMGD

Not Regulated for Sea Transport according to IMDG-Code



## IATA

Not Regulated for Air Transport

## 15. REGULATORY INFORMATION

### GHS-Labeling

#### Hazard statement(s):

No data available

#### Precautionary statement(s):

No data available

#### R - phrase(s):

No data available

#### S - phrase(s):

No data available

## 16. Other Information

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