



# Material Safety Data Sheet

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## Section 1: Product and Company Identification

**Product Code:** K-302

**Product Name:** Contact Cleaner

**Manufacturer/Supplier:** Tech Excellent Co., Ltd.

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## Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage By Weight
75-83-2	2,2 dichloroethlene	10-15
96-14-0	3-methyl pentane	15-20
811-97-2	1,1,1,2-tetrafluoroetheane	18-30
163702-08-4	2-methyl pentane	40-55

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## Section 3: Hazards Identification

**Eyes:** May cause eyes irritation, including pain, tearing and hazy vision

**Skin:** May cause skin irritation

**Inhalation:** May cause irritation of the nose and throat. May cause central nervous system depression.

**Ingestion:** Ingestion is not a like route of exposure to this product.

**Chronic:** Prolonged or repeated exposure may cause liver and kidney damage.

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## Section 4: First Aid Measure

**Eyes:** Remove contact lenses, flush with water or saline for 15 minutes.

**Skin:** Wash skin with soap and water for 15 minutes.

Get medical aid if symptoms persist.

**Inhalation:** Immediately remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get medical aid immediately.

**Ingestion:** Do not induce vomiting. If concious, give 1-2 glasses of water.

Get medical aid.

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## Section 5: Fire Fighting Measures

**Autoignition Temperature:** n/a    **Flash Point:** -29 °C    **LEL/UEL:** 1/7

**Extinguishing Media:** Use water, dry chemical, dry powder, carbon dioxide, or chemical foam. Will burn if involved in a fire. Containers may explode in the heat of the fire.

**General Information:** n/e

**NFPA Ratings:** Health 2 Flammability 3 Reactivity 0

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## Section 6: Accidental Release Measures

**Spill** Remove all sources of ignition. Provide adequate ventilation.

**Procedure:** Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up further residue with paper towel and place in container.

Wash spill area with soap and water.

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## Section 7: Handling and Storage

**Handling:** Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing.

Do not ingest or inhale. Do not expose container to heat or flame.

**Storage:** Keep away from sources of ignition, Store in a cool, dry, well ventilated area, away from incompatible substances.

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## Section 8: Exposure Controls

**Routes of Entry:** Eyes, ingestion, inhalation, and skin.

**Ventilation:** Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

**Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles.

Wear appropriate protective clothing to prevent skin contact.

Use a NIOAH approved respirator when necessary.



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## Section 9: Physical and Chemical Properties

**Physical State:** Aerosol    **Odor:** slight    **Solubility:** insoluble    **Evaporation Rate:** rapid  
**Boiling Point:** 55 °C    **Specific Gravity:** 0.8    **Vapor Pressure:** 47 PSI @ 21 °C  
**Vapor Density:** 1.5 (air = 1)    **pH:** 7

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## Section 10: Stability and Reactivity

**Stability:** Stable at normal temperatures and pressures.  
**Condition to avoid:** Temperatures over 40 °C ignition sources, and incompatible substances.  
**Incompatibilities:** Strong bases, strong acids, oxidizing agents, amines.  
**Polymerization:** Will not occur.  
**Decomposition:** Carbon monoxide, carbon dioxide, Hydrogen fluoride, hydrogen chloride perfluorolsobutylene.

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## Section 11: Toxicological Information

**Sensitization:** (effects of repeated exposure)    **NO**  
**Carcinogenicity:** (risk of cancer)    **NO**  
**Teratogenicity:** (risk of malfunction in and unborn fetus)    **NO**  
**Reproductive Toxicity:** (risk of sterility)    **NO**  
**Mutagenicity:** (risk of heritable genetic effects)    **NO**

**Lethal Exposure Concentrations:**

<b>Ingestion</b> n/e	<b>Inhalation</b> n/e	<b>Skin</b> n/e
<b>(LD50)</b>	<b>(LC50)</b>	<b>(LD50)</b>

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## Section 12: Ecological Information

**General Information:** Avoid runoff into storms and sewers which lead into waterways.  
Water runoff can cause environmental damage.

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## Section 13: Disposal Information

**General Information:** Dispose of in accordance with all local, provincial, state, and federal regulations.

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## Section 14: Transportation Information

- Ground:** Consumer Commodity, ORM-D
- Air:** Shipper must be trained and certified. Refer to IATA regulations.
- Sea:** Shipper must be trained and certified. Refer to IMDG regulations.

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## Section 15: Regulatory Information

**SARA** (Superfund Amendments and Reauthorization Act of 1986, USA 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity

**EPCRA** (Emergency Planning and Right to Know Act, USA 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372

**TSCA** (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

**CAA** (Clean Air Act, USA)

This product does not contain any class 1 ozone depletors.

This product does not contain any class 2 ozone depletors.

This product does not contain chemicals listed as hazardous air pollutants.

**California Proposition 65** (chemicals know to cause cancer or reproductive toxicity, may 1, 1977 revision, USA)

This product does not contain any chemicals listed.

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## Section 16: Other Information

- Definitions:** n/a = not applicable  
n/e = not established