



ALKEMIST Safety Data Sheet

ALKEMIST | Industrial & Specialty Chemicals

Emergency / Contact: +92 301 9220000

admin@alkemist.org

Professional Industrial Paint Stripper Documentation

ALK-PSP-007 (PAINT STRIPPER)

Professional Solvent-Based Industrial Paint Stripper & Metal Parts Cleaner

Document No: SDS-ALK-PSP-001

Revision: 1.0

Issue Date: 18 June 2026

Product Type: Solvent-based paint remover

Brand: ALKEMIST

Email: admin@alkemist.org

Emergency: +92 301 9220000

Main Technology: Chlorinated / ketone / aromatic solvent system

1. IDENTIFICATION

Product Identifier	ALK-PSP-007 (PAINT STRIPPER)
Recommended Use	Industrial and professional paint stripping, coating removal, metal parts cleaning, equipment refurbishment, surface preparation and industrial maintenance cleaning.
Uses Advised Against	Not for consumer use. Do not use in confined spaces, poorly ventilated areas, food-contact applications, or on plastics/rubber/composites unless compatibility is proven.
Supplier	ALKEMIST
Emergency Contact	+92 301 9220000
Email	admin@alkemist.org

2. HAZARD IDENTIFICATION



DANGER: Flammable liquid and vapor. Harmful if inhaled. Causes skin and serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer due to chlorinated solvent content. May be fatal if swallowed and enters airways where hydrocarbon content is relevant.



GHS Classification	Flammable Liquid Cat. 2/3; Acute Toxicity Inhalation Cat. 4; Skin Irritation Cat. 2; Eye Irritation Cat. 2A; STOT SE Cat. 3; Carcinogenicity Cat. 2; STOT RE Cat. 2; Aspiration Hazard Cat. 1 where applicable.
Signal Word	DANGER
Hazard Statements	H225/H226 Flammable liquid and vapor. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Exact formulation and exact concentrations are proprietary. Hazardous solvent identities are disclosed in concentration ranges for safety communication. Proprietary additive identities are withheld as trade secret where permitted.

Component / Synonym Description	CAS No.	Concentration Range	Function
Methylene Chloride / Dichloromethane / Chlorinated Solvent System	75-09-2	35–70%	Primary paint film penetration and stripping solvent.
Acetone / Dimethyl Ketone / Ketone Solvent System	67-64-1	5–25%	Fast-acting solvent, wetting and coating softening aid.
Xylene Isomers / Aromatic Hydrocarbon Solvent Blend	1330-20-7	5–25%	Paint resin swelling, solvency support and residue removal.
Proprietary Penetration Enhancer Package	Trade Secret	1–10%	Improves attack on aged and multilayer coatings.
Proprietary Evaporation Control / Wetting System	Trade Secret	1–10%	Improves dwell time and surface contact.



Proprietary Corrosion Inhibitor / Metal Protection Additive	Trade Secret	0.1–5%	Supports controlled compatibility with metal substrates.
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4. FIRST AID MEASURES

Inhalation	Move to fresh air immediately. Keep comfortable for breathing. If breathing difficulty, dizziness, unconsciousness or symptoms occur, seek urgent medical attention.
Skin Contact	Remove contaminated clothing. Wash with soap and water for at least 15 minutes.
Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses if easy. Continue rinsing and obtain medical attention.
Ingestion	Do not induce vomiting. Rinse mouth. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Suitable Media	Alcohol-resistant foam, dry chemical, carbon dioxide, water fog.
Specific Hazards	Flammable vapors may travel to ignition sources. Thermal decomposition may produce hydrogen chloride, phosgene, carbon monoxide, carbon dioxide and irritating/toxic fumes.
Protection	Wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Evacuate unnecessary personnel, eliminate ignition sources, ventilate area and avoid breathing vapors. Use chemical-resistant PPE and respiratory protection. Contain spill with inert absorbent and collect in closed labeled hazardous waste containers. Prevent release to drains, soil and waterways.

7. HANDLING AND STORAGE

Handling	Use only with strong ventilation or local exhaust. Avoid vapor inhalation and direct contact. Ground and bond containers. Do not spray or heat. Keep containers closed.
Storage	Store locked up in cool, dry, well-ventilated flammable liquid storage area away from sunlight and heat.
Incompatibles	Strong oxidizers, strong bases, alkali metals, reactive metals, welding arcs, flames and high heat.

8. EXPOSURE CONTROLS / PPE



Engineering Controls	Local exhaust ventilation, explosion-proof equipment and air monitoring recommended.
Eye / Face	Chemical splash goggles and face shield.
Skin	Solvent-resistant gloves selected from breakthrough data, protective clothing and chemical apron.
Respiratory	Use supplied-air respirator or properly selected respirator where exposure limits may be exceeded.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to slightly amber liquid	Odor	Strong solvent odor
pH	Not applicable	Specific Gravity	1.05–1.30
Boiling Range	Approx. 40–140°C	Flash Point	Below 23°C to approx. 30°C depending final blend
Solubility	Partial in water	VOC	High

10. STABILITY AND REACTIVITY

Stable under recommended conditions. Avoid heat, sparks, flames, static discharge, welding arcs and incompatible materials. Hazardous decomposition may include hydrogen chloride, phosgene, carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Likely routes: inhalation, skin, eye and ingestion. Vapors may cause CNS depression, dizziness, headache, drowsiness and nausea. Product causes skin and eye irritation. Repeated exposure may affect nervous system, liver and other organs. Methylene chloride is associated with cancer concern and may metabolize to carbon monoxide in the body.

12. ECOLOGICAL INFORMATION

Avoid release to environment. Solvent mixture may be harmful to aquatic life. Chlorinated and aromatic solvents can contaminate soil and water. Prevent uncontrolled discharge.

13. DISPOSAL CONSIDERATIONS

Dispose of product, sludge, contaminated absorbents and containers as hazardous solvent/paint waste according to local regulations. Do not discharge to drains. Empty containers may contain hazardous vapors.

14. TRANSPORT INFORMATION

UN Number	UN 1993 or UN 1263 may apply depending final classification and shipping name.
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Proper Shipping Name	Flammable Liquid, N.O.S. / Paint Related Material, as applicable.
Hazard Class	3
Packing Group	II or III depending final flash point and transport testing.
Note	Final transport classification must be verified before shipment.

15. REGULATORY INFORMATION

Hazardous chemical under GHS/OSHA-style hazard communication. Methylene chloride, acetone and xylene may be subject to occupational exposure limits and local sale/use restrictions. Professional/industrial use only.

16. OTHER INFORMATION

Issue Date: 18 June 2026. This SDS is prepared for industrial/professional safety communication. Final commercial release should be verified against final formulation, raw material SDS, local regulations, exposure limits and transport classification.

Prepared by
ALKEMIST

Signature:

Date:

Approved by
Technical / Compliance Responsible Person

Signature:

Date:

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