



SAFETY DATA SHEET

ALK-ABS CLEANER FOR VEHICLES

Petroleum Distillate Edging & Pre-Cleaning Solvent | GHS / OSHA Format

ALK-ABS CLEANER

Flammable Petroleum Distillate Vehicle Edging & Pre-Cleaning Solvent

WARNING

Chemical basis: Formulated blend of petroleum distillates and aliphatic hydrocarbon solvents engineered for vehicle body edging, panel pre-cleaning, and adhesive residue removal.

Primary hazards: Flammable liquid and vapour; may be fatal if swallowed and enters airways; causes skin irritation; causes serious eye irritation; may cause drowsiness or dizziness.

Flammable & Aspiration Hazard Notice: This Safety Data Sheet provides comprehensive workplace hazard communication for ALK-ABS CLEANER FOR VEHICLES. Formulated for vehicle body shop edging, pre-cleaning, and surface preparation. Keep away from heat, sparks, open flames, and hot surfaces. Use explosion-proof electrical equipment and ground containers during transfer.

Document Control

SDS NO.

ALK-ABS-CLN-001

VERSION

1.0

ISSUE DATE

October 2026

REVISION DATE

October 2026

APPLICATION

Vehicle Edging & Pre-Cleaning Solvent

Supplier / Manufacturer

Comapany:

ALKEMIST | WATER AND CHEMICALS SOLUTIONS (SMC-PRIVATE) LIMITED

Address:

Office No. 32, Usman Plaza, Alipur Road, Hafizabad City, Pakistan

Contact/Emergency:

0315 237 2222

Email

admin@waterchemicalssolution.com

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Website:

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SECTION 1: Identification

PRODUCT NAME / IDENTIFIER ALK-ABS CLEANER FOR VEHICLES

PRODUCT CODE / REF. ALK-ABS-CLN

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CHEMICAL DESCRIPTION	Solvent blend based on petroleum distillates engineered for vehicle body edging, panel pre-cleaning, and degreasing.
RECOMMENDED USES	Automotive body shop pre-cleaning, edging solvent, removal of wax, road tar, silicone, and adhesive residues prior to painting or detailing.
USES ADVISED AGAINST	Consumer retail use without proper ventilation and PPE, direct ingestion, or application near active ignition sources.
MANUFACTURER DETAILS	Alkemist Water and Chemicals Solutions (SMC-PRIVATE) LIMITED Office No. 32, Usman Plaza, Alipur Road, Hafizabad City, Pakistan
EMERGENCY CONTACT	WhatsApp Only: 0301 9220000 Email: admin@waterchemicalssolution.com

SECTION 2: Hazard(s) Identification

2.1 GHS CLASSIFICATION OF SUBSTANCE OR MIXTURE

HAZARD CLASS	CATEGORY	HAZARD STATEMENT MAPPING
FLAMMABLE LIQUIDS	Category 3	Flammable liquid and vapour (H226).
ASPIRATION TOXICITY	Category 1	May be fatal if swallowed and enters airways (H304).
SKIN CORROSION / IRRITATION	Category 2	Causes skin irritation (H315).
SERIOUS EYE DAMAGE / IRRITATION	Category 2A	Causes serious eye irritation (H319).
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)	Category 3	May cause drowsiness or dizziness (H336).

2.2 GHS LABEL ELEMENTS

Signal Word

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Hazard Pictograms

Flame (GHS02), Health Hazard (GHS08) & Exclamation Mark (GHS07)

2.3 HAZARD STATEMENTS

Code	Hazard Statement Text
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

2.4 PRECAUTIONARY STATEMENTS

Prevention	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed. P240: Ground and bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting equipment. P242: Use non-sparking tools. P243: Take action to prevent static discharges. P261: Avoid breathing mist/vapours/spray.
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	P264: Wash skin thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/eye protection/face protection.
Response	P301+P310+P331: IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304+P340+P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P332+P313: If skin irritation occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P370+P378: In case of fire: Use dry chemical, CO₂, or foam to extinguish.
Storage	P403+P233: Store in a well-ventilated place. Keep container tightly closed. P403+P235: Keep cool. P405: Store locked up.
Disposal	P501: Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations.

SECTION 3: Composition / Information on Ingredients

Chemical Name / Categorized Technical Name	CAS Number	GHS Classification	Concentration (% w/w)
Aliphatic Hydrocarbon Blend	Proprietary	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) STOT SE 3 (H336)	70.0 - 95.0 %
Proprietary Pre-Cleaning & Degreasing Solvent Additives	Proprietary Blend	Eye Irrit. 2A (H319)	5.0 - 30.0 %

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SECTION 4: First-Aid Measures

Route	Immediate Action Required	Medical Follow-Up
Inhalation	Move victim to fresh air immediately. Keep patient warm and at rest.	Seek medical attention if dizziness, headache, or respiratory irritation persists.
Skin Contact	Wash affected skin thoroughly with soap and running water.	Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists.
Eye Contact	Immediately flush eyes with running water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do.	Consult an ophthalmologist if eye irritation continues.
Ingestion	Do NOT induce vomiting. Aspiration hazard: risk of chemical pneumonitis. Give 1-2 glasses of water.	Call a POISON CENTER or physician immediately for emergency medical guidance.

SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media	Foam, dry chemical powder, carbon dioxide (CO ₂), or water spray.
Specific Hazards	Flammable liquid and vapour. Vapours may form explosive mixtures with air and travel to distant ignition sources.
Protective Equipment	Wear self-contained breathing apparatus (SCBA) and full protective firefighting gear.

SECTION 6: Accidental Release Measures

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Personal Precautions	Eliminate all ignition sources. Use personal protective equipment (antistatic clothing, gloves, safety goggles). Ensure adequate ventilation.
Environmental Precautions	Prevent uncontained product from entering storm drains, soil, or natural waterways.
Cleanup & Containment	Absorb spill with inert non-combustible material (sand, earth). Use non-sparking tools to collect into grounded waste containers for disposal.

SECTION 7: Handling and Storage

Safe Handling	Ground and bond containers during transfer to prevent static discharge. Use explosion-proof equipment. Avoid breathing vapours. Wash thoroughly after handling.
Storage Conditions	Store in original containers in a cool, dry, well-ventilated flammable liquid storage area between 5°C and 30°C away from heat and strong oxidizers.
Packaging / Drum Spec	Supplied in 5 L, 20 L, and 210 L industrial containers.

SECTION 8: Exposure Controls / Personal Protection

Component	OSHA PEL (TWA)	ACGIH TLV (TWA)
Aliphatic Solvent Blend	500 ppm (2000 mg/m ³)	200 ppm (TWA)

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

Eye / Face Protection	Chemical splash goggles or safety glasses (ANSI Z87.1 / EN 166).
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Hand Protection	Solvent-resistant gloves (Nitrile or Viton rubber).
Skin / Body	Antistatic work clothing and closed-toe footwear.
Respiratory Protection	Use a respirator with organic vapour cartridges if ventilation is insufficient.

SECTION 9: Physical and Chemical Properties

Property	Value / Specification
Appearance	Clear & Bright liquid
Odour	Characteristic petroleum solvent odour
Density @ 20°C	0.770 - 0.810 g/cm ³
Flash Point (Closed Cup)	Approx. 42°C (108°F)
Solubility in Water	Insoluble / Immiscible
Evaporation Rate	Moderate (Ether = 1)

SECTION 10: Stability and Reactivity

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Chemical Stability	Stable under normal ambient temperature and storage conditions.
Incompatible Materials	Strong oxidizing agents, strong acids, halogens.
Hazardous Reactions	Vapours may form explosive mixtures with air. Exothermic reaction with strong oxidizers.

SECTION 11: Toxicological Information

Endpoint	Evaluation / Result
Acute Oral Toxicity	Oral LD50 (Rat): > 5,000 mg/kg
Aspiration Hazard	May be fatal if swallowed and enters airways (Category 1).
Skin Corrosion / Irritation	Causes skin irritation (Category 2).
Serious Eye Damage / Irritation	Causes serious eye irritation (Category 2A).
Carcinogenicity	Not classified as a carcinogen by IARC, NTP, or OSHA.

SECTION 12: Ecological Information

Ecotoxicity	Toxic to aquatic organisms with long-lasting effects.
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Persistence & Degradability	Inherently biodegradable in aquatic environments.
Bioaccumulative Potential	Potential for bioaccumulation in hydrocarbon fractions.

SECTION 13: Disposal Considerations

Waste Treatment: Dispose of spent solvent or waste containers via an authorized hazardous waste management contractor in compliance with local regulations.

SECTION 14: Transport Information

Transport Modal	UN Number	Proper Shipping Name	Class	Packing Group
US DOT / ADR / IMDG / IATA	UN 1268	PETROLEUM DISTILLATES, N.O.S. (SOLVENT BLEND)	Class 3	Packing Group III

SECTION 15: Regulatory Information

National Regulations	Complies with local industrial chemical handling, storage, and safety guidelines in Pakistan.
OSHA Hazard Communication	Classified as hazardous under 29 CFR 1910.1200 (Flammable liquid, Aspiration, Skin/Eye irritation).

SECTION 16: Other Information

16.1 HAZARD RATING SYSTEMS (NFPA 704 & HMIS)

NFPA 704 Rating

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Health: 2 (Moderate)
Flammability: 2 (Moderate / Flammable)
Instability: 0 (Minimal)
Special: None

HMIS Rating

Health: 2 (Moderate)
Flammability: 2 (Moderate)
Physical Hazard: 0 (Minimal)
Personal Protection: H (Goggles + Gloves + Apron + Vapor Respirator)

16.2 DOCUMENT METADATA

Version	Release Date	Description
1.0	October 2026	Initial official release of GHS Safety Data Sheet for ALK-ABS CLEANER FOR VEHICLES manufactured by Alkemist Water and Chemicals Solutions (SMC-PRIVATE) LIMITED, Hafizabad.

16.3 DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. Alkemist | Water and Chemicals Solutions (SMC-PRIVATE) LIMITED assumes no legal responsibility for use or reliance upon these data.

*** END OF SAFETY DATA SHEET - ALK-ABS CLEANER FOR VEHICLES ***

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