SAFETY DATA SHEET

Cleaning Compound, Solvent, Type I (Aluminum Surface-Prep Blend), Grade A

Revised: 07/01/2026

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Cleaning Compound, Solvent, Type I (Aluminum Surface-Prep Blend), Grade A

Synonyms: Cleaning Compound, Solvent, Type I (Aluminum Surface-Prep Blend), Grade A

CAS Number: Mixture: 64742-89-8 (solvent naphtha, light aliphatic) 25-50%; 141-78-6 (ethyl acetate) 20-25%; 78-93-3 (methyl ethyl ketone) 20-25%; 67-63-0 (isopropyl alcohol) 10-15%

Grade/Purity: Type I, Grade A (A-A-59281B)

Product Type: Solvent Cleaning Compound (Liquid Blend)

Product Use: Industrial, Manufacturing or Laboratory use

Manufacturer/Supplier: Alliance Chemical, 204 South Edmond St, Taylor, Texas 76574

Information: 512-365-6838 | www.alliancechemical.com

Emergency: CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

2. HAZARDS IDENTIFICATION

Signal Word: Danger

GHS Pictograms:



Hazard Statements:

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

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, and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapours or mist.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves, protective clothing and eye/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if present and easy; continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents and container in accordance with all applicable regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	% MIN	% MAX	CAS #	EINECS# / ELINCS#	FORMULA	MOLECULAR WEIGHT
Cleaning Compound	100	100	Mixture: 64742-89-8 (solvent naphtha, light aliphatic) 25-50%; 141-78-6 (ethyl acetate) 20-25%; 78-93-3 (methyl ethyl ketone) 20-25%; 67-63-0 (isopropyl alcohol) 10-15%		Mixture (see composition)	Varies (mixture) g/mol

4. FIRST-AID MEASURES

Eyes	Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Seek medical attention if irritation persists.
Skin	Flush skin with soap and water while removing contaminated clothing. Do not reuse clothing until thoroughly cleaned. Seek medical attention if irritation occurs.
Inhalation	Immediately remove to fresh air. If breathing is difficult, administer oxygen. Seek medical attention if symptoms persist.
Ingestion	Do NOT induce vomiting. Do not give anything by mouth if the victim is unconscious. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Suitable Media	Alcohol-resistant foam, CO2, dry chemical powder. Water spray may be used to cool fire-exposed containers.
Unsuitable Media	Do not use a solid water stream — may scatter and spread fire.
Protective Equipment	Wear self-contained breathing apparatus and full protective clothing.
Combustion Products	May include carbon oxides and other toxic fumes. See Section 10.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use PPE as described in Section 8. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental	Prevent leakage or spillage from entering drains, sewers, or waterways.
Containment & Cleanup	Absorb with inert material. Collect in appropriate waste container. Dispose per applicable regulations.

7. HANDLING AND STORAGE

Safe Handling	Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Keep container closed when not in use.
Safe Storage	Store in a cool, dry, well-ventilated area away from heat, sparks, and open flame. Keep away from: Strong oxidizers. Keep containers tightly closed. Ground and bond containers when transferring material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation. Provide eyewash stations and quick-drench showers accessible to areas of use.

Occupational Exposure Limits:

AGENCY	EXPOSURE LIMIT
OSHA PEL	Component-based (MEK 200 ppm; ethyl acetate 400 ppm; IPA 400 ppm TWA)
ACGIH TLV	Component-based (MEK 200 ppm; ethyl acetate 400 ppm; IPA 200 ppm TWA)
NIOSH REL	Component-based
IDLH	Component-based (MEK 3000 ppm; ethyl acetate 2000 ppm; IPA 2000 ppm)

Eyes	Wear chemical safety goggles or face shield.
Skin	Wear chemical-resistant gloves and protective clothing.
Inhalation	Use a NIOSH-approved respirator with organic vapor cartridges. For confined spaces or exposures above the OEL, use supplied-air respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid, typical paint/solvent odor
Odor	Typical paint/solvent odor
Median Particle Size	Not Applicable
Particle Size Distribution	Not Applicable
Particle Shape	Not Applicable
Surface Area	Not Applicable
Dustiness	Not Applicable
Hygroscopicity	Not Applicable
pH	Not applicable (water-insoluble)
Melting Point	No data available (freezing point)
Boiling Point	55-149 C (131-300 F)
Flash Point	-1.1 C (30 F), Tag closed cup
Vapor Pressure	Not established for the mixture (components are volatile; MEK ~78 mmHg, ethyl acetate ~73 mmHg at 20 C)
Specific Gravity	~0.79 (6.60 lb/gal)
Solubility	Soluble in most organic solvents; not soluble in water
Molecular Formula	Mixture (see composition)
Molecular Weight	Varies (mixture) g/mol

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Hazardous Reactions	Vapor/air mixtures are explosive above the flash point. Reacts vigorously with strong oxidizers. Static accumulation during transfer - bond and ground.
Conditions to Avoid	Heat, sparks, open flame, and incompatible materials.
Incompatible Materials	Strong oxidizers
Decomposition Products	May produce carbon oxides and other toxic fumes when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: See below for route-specific data.

ROUTE	VALUE

LD50 Oral	Component-based; mixture classified Acute Tox. 4 Oral (H302)
LD50 Dermal	Not established for the mixture
LC50 Inhalation	Not established for the mixture

IARC	Not listed as carcinogen.
NTP	Not listed as carcinogen.
OSHA	Not listed as carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Fish LC50: Component-dependent; keep out of waterways; Daphnia EC50: Component-dependent [PubChem]
Persistence	Components are readily biodegradable (MEK, ethyl acetate, IPA)
Bioaccumulation	BCF: Low for the polar components; moderate for the naphtha fraction
Mobility in Soil	High mobility in soil (Log Kow < 1)

13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with applicable federal, state, and local regulations. Do not dispose of into drains or waterways.

14. TRANSPORT INFORMATION

US DOT	UN1263, Paint related material, 3, PG II
IMDG	UN1263, Paint related material, 3, PG II
IATA/ICAO	UN1263, Paint related material, 3, PG II
Marine Pollutant	No

15. REGULATORY INFORMATION

TSCA: all components listed. SARA 313 (TRI): MEK and solvent naphtha (light aliphatic) are listed toxic chemicals subject to 40 CFR 372 reporting; report if de minimis exceeded. CERCLA: this material is a US EPA-defined ignitable hazardous waste when discarded (RCRA D001). California Proposition 65: not listed as formulated (verify batch for trace aromatics). State Right-to-Know: components (MEK, ethyl acetate, IPA) listed in NJ, PA, MA. US DOT: Class 3, UN1263 "Paint related material", PG II.

SARA 311/312	See Section 2 for hazard classifications.

16. OTHER INFORMATION

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