



better products
cleaner environment

KLEN 1705

100% Natural Degreaser

Product Description

KLEN 1705 is the safe alternative to using chlorinated solvents for degreasing and cleaning surfaces. Heavy flushing quickly dissolves and removes grease, oil, tar, grime asphalt, bitumen, wax, and other residues. High-pressure spray penetrates, loosens, and lifts soil away. Rinse with water after cleaning, can be air dried leaving negligible residue.

Areas of Use

KLEN 1705 can be used on automotive panels and parts, concrete, masonry, construction machinery, fuel/oil equipment and other industrial surfaces.

Special Features

- Non acidic, non caustic, non corrosive.
- No toxic fumes, ozone friendly.
- No chlorinated solvents, no petroleum distillates, emulsifiable & biodegradable.

Directions for Use

- Dilute with water according to usage requirements:

Light Soiling	1: 10-20
Medium Soiling	1: 5 - 10
Heavy Soiling	Use as it is.

Note: Pretest on inconspicuous spots before using painted and plastic surfaces to ensure no damage. Do not spray into or on electrical equipment.

Precautions

Do not use near heat, sparks, or open flame. Avoid contact with eyes or prolonged contact with skin. Keep container closed after use. Do not expose to heat or store at temperatures above 49°C.

If swallowed, do not induce vomiting. Give a glass of water and call a physician. When in contact with eyes, flush with water and if irritation persists, call a physician.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: KLEN 1705	Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527
Other means of identification: Natural Cleaner & Degreaser	Department: Chemical Person in Charge: Chemist
Date of SDS: 01 January 2024	Phone: (65) 6862 3388 Fax: (65) 6861 7575 Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249
Recommended use and restriction on use: KLEN 1705 can be used on automotive panels and parts, concrete, masonry, construction machinery, fuel/oil equipment and other industrial surfaces.	

SECTION 2 - HAZARDS IDENTIFICATION

GHS classification: Flammable liquid: Category 3; Skin irritation: Category 2;	Acute toxicity: Oral: Category 4; Eye irritation: Category 2
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GHS label elements: Pictogram:	Signal word:	Warning
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Hazard statements:
H224: Extremely flammable liquid.
H315: Causes skin irritation.
H320: Causes eye irritation.
H332: Harmful if inhaled.

Precaution statements:
P102: Keep out of reach of children.
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P262: Do not get in eyes.

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Terpene Alcohol	> 90.0 %	C10H18O	5989-27-5	227-813-5
Alcohol Ethoxylate	< 10.0 %	R-O(EO)n-H	84133-50-6	NA

SECTION 4 – FIRST AID MEASURES

Inhalation: Move to area of fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.

Skin contact: Wash with large amounts of soap and water. If irritation persists, consult a physician.

Eye contact: Flush with cool water for at least 15 minutes. Then consult a physician immediately.

Ingestion: Do not induce vomiting. Dilute by drinking water. Call a physician immediately.

Notes to Physicians: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable fire-extinguishing media: Dry chemical, carbon dioxide and foam.

Specific hazards arising from the chemical: Burning can produce carbon dioxide and/or carbon monoxide.

Unusual Fire/Explosion Hazards: Exposure to temperature above 54 deg C may cause bursting

Special protective actions for fire fighters: Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment.

SECTION 6 - ACCIDENTAL RELEASE MEASURE

Personal precautions, protective equipment, and emergency measures: Use proper protective equipment (chemical protection suit, gloves, goggles, mask, etc.).

Environmental precautions: Chemical substances should not be released into the environment (water, soil).

Methods and materials for containment and cleaning up: Safely stop discharge. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water. Cover spills with absorbent clay, sanddust or inert material and placed in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

SECTION 7 - HANDLING AND STORAGE

Precaution for safe handling: Wash thoroughly after handling, especially before eating and drinking. Wash contaminated goggles, face-shield, and gloves. Launder contaminated clothing before re-using.

Conditions for safe storage, including any incompatibilities: Store in cool, dry area at room temperature. Store away from any open flame or heat. Do not re-use empty containers for food, clothing or products for human or animal consumption or where skin contact can occur.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters/ Occupational exposure limits: ACGIH - TLV: Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.

Appropriate engineering control measures: Local exhaust ventilation is usually required, when vapours, mist, or dusts can be released.

Personal Protection: None needed unless it is anticipated that a splash or spray back will occur. Then wear safety glasses / goggles

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odour: Clear orange liquid with citrus odour.

Solubility in water: Complete.

Boiling Point: 162 °C

Specific Gravity: 0.875 +/- 0.005 g/cm³

pH: N.A

Flash Point (T.C.C.): 50° C **Flammability:** Extremely Flammable Spray

Vapour Pressure: 78 psig @ 22° C

Vapour Density: 4.0 (Air = 1)

SECTION 10 - STABILITY AND REACTIVITY

Reactivity/ In compatible materials: Avoid contact with strong Oxidizers.

Chemical stability: Stable under normal temperature and pressure.

Possibility of hazardous reaction: Will not occur.

Condition to avoid: Do not expose to heat or open flame

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if inhaled at high concentrations (>750 ppm) over an extended period.

Skin or eye irritation: This product contains ingredients listed in Section 2 that may cause irritation to eyes and/or skin.

SECTION 12 - ECOLOGICAL INFORMATION

Persistence and degradability: Product degrades readily by reaction of carbon dioxide in the air as well as decomposition by microorganism.

Bioaccumulative potential: It is soluble in water and does not bio-accumulate.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal method: Dispose of in an approved waste facility according to local regulations. It is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) Re-cycle or rework if feasible (2) Incinerate at an authorized facility (3) Treat at an acceptable waste treatment facility.

SECTION 14 - TRANSPORT INFORMATION

This material is non-regulated and no special requirement is necessary.

HS Code: 34021390

SECTION 15 - REGULATORY INFORMATION

International regulation:

Classification: This product is not classified under EC Classification.

Risk phrases: R12 Extremely flammable.

R20 Harmful by inhalation.

R36 Irritating to eyes.

Safety phrases: S02 Keep out of reach of children.

S16 Keep away from sources of ignition – No Smoking.

S25 Avoid contact with eyes.

SECTION 16 - OTHER INFORMATION

Hazard Rating: HMIS (Hazardous Materials Information System)

HEALTH: 1

FLAMMABILITY: 2

REACTIVITY: 0

0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme

NOTICE: SDS is correct at date of publication. It is not necessarily fully adequate for every circumstance, nor to be confused with or followed in violation of applicable laws or insurance requirements. Health hazards and effects of over-exposure apply only to negligent handling or misuse of product in its concentrated form (as supplied); and not routine exposure to diluted product under normal use. No warranty, express or implied, of merchantability, fitness or accuracy of data is made; as such the vendor assumes no responsibility for injury or damages resulting from use of this product.