better products
cleaner environment

KLEN 1301
Paint Stripper

Product Description
KLEN 1301 is a homogenous, viscous, solvent paint stripper. Its deep penetrating action softens tough paint and allows easy removal without scraping. ***KLEN 1301*** is completely water rinsable, leaving a clean film free surface that is ready for recoating. ***KLEN 1301*** is safe on all commonly used metals and has excellent storage life.

Areas of Use
KLEN 1301 can be used to remove paint coatings from metal pipes, tanks, machine tools, rail guards, floors, ceilings, walls etc.

Special Features
- Non-flammable- ***KLEN 1301*** is safe for normal storage, there is no danger of flashing or burning.
- Safe- ***KLEN 1301*** does not contain strong alkalis and is safe on all commonly used metals.
- Homogeneous- ***KLEN 1301*** does not require stirring.
- Viscous- ***KLEN 1301*** clings on to vertical surfaces and will not run off.
- ***KLEN 1301*** effectively penetrates and softens paint, leaving a blistered surface that can be flushed away with water, thus eliminating the difficulty of scraping.
- Versatile- Can be used to remove most baked-on finishes on hard surface and it works effectively on reflective labels found on municipal road signs.

Directions for Use
- Brush or wipe ***KLEN 1301*** onto painted or coated area.
- Wait 20-30 minutes depending on atmospheric conditions and the nature of the paint. Blistering, lifting, or wrinkling of the paint film are signs that the stripping action is proceeding. Enamel paint wrinkles and lacquer film are softened or dissolved.
- Flush or hose off old paint with pressure water.
- Repeat application if necessary to remove several layers of old coating and painting.

Precautions
Corrosive liquid! Wear rubber gloves when using product. If product comes into contact with skin, wash affected area with plenty of soap and water.

KLENCO (SINGAPORE) PTE LTD
18 Gul Crescent, Singapore 629527 ● Tel: +65 6862 3388 ● Fax: +65 6861 7575 ● info@klenco-asia.com ● www.klenco-asia.com
Company Registration No: 197100402R

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: KLEN 1301

Other means of identification: Paint Stripper

Supplier: Klenco (Singapore) Pte Ltd.
Address: 18 Gul Crescent, Singapore 629527
Department: Chemical
Person in Charge: Chemist

Date of SDS: 01 January 2026

Recommended use and restriction on use: ***KLEN 1301*** can be used to Remove paint coatings from metal pipes, tanks, machine tools, rail guards, floors, ceilings, walls etc.

Phone: (65) 6862 3388
Fax: (65) 6861 7575
Email: info@klenco-asia.com
Emergency contact: (65) 6862 3388 Ext 249

SECTION 2 - HAZARDS IDENTIFICATION

GHS classification: Acute toxicity: Oral: Category 3;
Skin corrosion: Category 1; Eye damage: Category 1

GHS label elements: Pictogram: Signal word: Danger

Hazard statements: H301: Toxic if swallowed.
H314: Causes skin burns and eye damage.

Precaution statements: P233: Keep container tightly closed.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Methylene Chloride	>70.0 %	CH_2Cl_2	75-09-2	200-838-9
Methanol	< 10.0 %	CH_4O	67-56-1	200-659-6
Hydrofluoric Acid	< 1.0 %	HF	7664-39-3	231-634-8
Hydroxypropyl Methylcellulose	< 2.0 %	$C_{56}H_{108}O_{30}$	9004-65-3	N.A.
Nonyl Phenol Ethoxylate	< 2.0 %	$C_{33}H_{60}O_{10}$	26571-11-9	247-816-5
Toluene	< 12.0%	C_7H_8	108-88-3	203-625-9
Parafin Wax	< 1.0 %	C_nH_{2n+2} n=24~36	8002-74-2	232-315-6

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: 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: At abnormally high temperatures, possible trace amounts of phosgene or Hydrogen Chloride.

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 - ACCIDENTIAL 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: Stop spill at source. Contain material, as necessary, with dike or barrier. Mop, shovel or absorb with inert material and place in sound containers. Rinse remaining residue with excess water. Cover spills with absorbent clay, sawdust 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, well-ventilated area at room temperature 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: Provide sufficient mechanical and/or local exhaust to keep exposure below TLV.

Personal Protection: Use protective equipment such as approved organic type respirator, Neoprene, Nitrile rubber/PVC gloves; protective glasses if splashing is anticipated.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odour:	Viscous white paste with suffocating odour.
Solubility in water:	Insoluble
Boiling Point:	40 ^{0} C
Specific Gravity:	1.155 +/- 0.01 g/cm^3
PH:	3.0 +/- 0.5
Flash Point (T.C.C.):	None to boiling **Flammable Limits - Upper:** Not applicable **Lower:** Not applicable
Vapour Pressure:	Not determined
Vapour Density:	Not determined

SECTION 10 - STABILITY AND REACTIVITY

Reactivity/ In compatible materials: Strong oxidizers, reactive metals (sodium, potassium) and alkalis.

Chemical stability: Stable under normal temperature and pressure.

Possibility of hazardous reaction: Will not occur.

Condition to avoid: Prevent possible source of ignition.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: Oral: High toxicity.

Skin or eye irritation: This product contains acid that may cause irritation in eyes and skin of some individuals.

SECTION 12 – ECOLOGICAL INFORMATION

Persistence and degradability: Product should be disposed of by an approved authority.

Bioaccumulative potential: Appreciable amount will be lost through evaporation due to the product's high volatility.

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.

UN No.	:	2922
IMO	:	8
Packing Group	:	III
HS Code	:	29031200

SECTION 15 – REGULATORY INFORMATION

International regulation:

Classification:	This product contains hydrofluoric acid classified as Toxic and Corrosive under EC classification.	
Risk phrases:	R28	Very toxic if swallowed.
	R34	Causes burns.
Safety phrases:	S07	Keep container tightly closed.
	S18	Handle and open container with care.
	S50	Do not mix with oxidizing materials.

SECTION 16 – OTHER INFORMATION

Hazard Rating: HMIS (Hazardous Materials Information System)
HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 2
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.