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KLEN 1106 (Bulk) **Demoisturant & Lubricant**

Product Description

KLEN 1106 is a water displacing and anti-corrosion spray that creeps along surfaces into cracks to displace water, lubricate and prevent rust. It also helps to loosen nuts, bolts and parts that have been corroded and frozen together. ***KLEN 1106*** demoisturizes and creates a waterproof film that dries out electrical equipment, inhibits corrosion and prevents electrical discharge. Rust soaked with ***KLEN 1106*** is loosened and removed easily.

Areas of Use

Any metal type of nuts and bolts, hinges, sliding and rotating parts, electrical equipment, and all metal surfaces.

Special Features

- Drives out water and moisture.
- Non-conducting dries electrical contacts.
- Lubricates
- Prevents rust.
- Loosens nuts & bolts.

Directions for Use

To remove corrosion: Apply liberally directly using brush onto dirt and scale. Allow it to penetrate. Remove loosened scale then reapply to leave an anti-corrosion coating on the surface.

To displace moisture: Apply by lightly brushing electrical equipment until thoroughly saturated. For best results, stop motion of motorized or running equipment prior to application. Restart motion once full product penetration has occurred, and moisture has been displaced. Apply a light final coating to protect exterior surfaces.

To loosen frozen nuts and bolts: Apply liberally to frozen nuts, bolts, sliding and rotating parts. Reapply to leave a dry, protective film. To ensure adequate protection, periodic checks should be made to determine the need for reapplication.

Precaution

As with all chemical products, avoid ingestion and eye contact. Wash hands thoroughly with soap and water after use.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION				
Product Identifier: KLEN 1106 (Bulk)		Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist		
Other means of identification: Demoisturant & Lubricant		Phone: (65) 6862 3388		
Date of SDS: 01 January 2024		Fax: (65) 6861 7575		
Recommended use and restriction on use: Any metal type of nuts and bolts, hinges, sliding and rotating parts, electrical equipment, and all metal surfaces.		Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249		
SECTION 2 - HAZARDS IDENTIFICATION				
GHS classification: Acute toxicity: Oral: Category 4; Skin irritation: Category 2; Eye irritation: Category 2				
GHS label elements: Pictogram:  Signal word: Warning				
Hazard statements: H315: Causes skin irritation. H320: Causes eye irritation.				
Precaution statements: P102: Keep out of reach of children. P262: Do not get in eyes, on skin, or on clothing.				
SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS				
Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Isoparaffinic Hydrocarbon	< 10.0 %	NA	64742-46-7	265-148-2
Mineral Oil	> 70.0 %	NA	8042-47-5	232-455-8
Dipropylene Glycol Monomethyl Ether	< 10.0 %	CH3O[CH2CH(CH3)O]2H	34590-94-8	252-104-2
Octamethyl Cyclotetrasiloxane	< 10.0 %	C ₈ H ₂₄ O ₄ Si ₄	556-67-2	209-136-7
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: Water fog, dry chemical, carbon dioxide and foam.				
Specific hazards arising from the chemical: Burning can produce carbon dioxide and/or carbon monoxide.				
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). Provide local exhaust at all times to keep TLV below acceptable limits.				
Environmental precautions: Chemical substance 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 place 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-use.				
Conditions for safe storage, including any incompatibilities: Store in cool, dry, well-ventilated area at room temperature. Do not re-use empty container 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 the 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:	Brownish liquid with mild solvent odour
Solubility in water:	Negligible
Boiling Point:	> 148.0 °C
Specific Gravity:	0.84 +/- 0.01 g/cm ³
PH:	N.A.
Flash Point (T.C.C.):	~155°C
Vapour Density:	> 1.0 (Air = 1)
SECTION 10 - STABILITY AND REACTIVITY	
Reactivity/ In compatible materials:	Strong oxidizers.
Chemical stability:	Stable under normal temperature and pressure.
Possibility of hazardous reaction:	Will not occur.
Condition to avoid:	Not applicable
SECTION 11 – TOXICOLOGICAL INFORMATION	
Acute toxicity: Oral:	> 2000 mg/kg LD50 (rat)
Skin or eye irritation:	This product 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:	Partial amount will be lost through evaporation due to the products 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. HS Code: 27101946	
SECTION 15 – REGULATORY INFORMATION	
International regulation:	
Classification:	This product is not classified under EC Classification.
Risk phrases:	R36/38 Irritating to eyes and skin.
Safety phrases:	S02 Keep out of reach of children. S24 Avoid contact with skin.
SECTION 16 – OTHER INFORMATION	
Hazard Rating: HMIS (Hazardous Materials Information System)	
HEALTH:	1
FLAMMABILITY:	1
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.