



better products for a cleaner environment

STEEL SHINE

Stainless Steel Polish

Product Description

STEEL SHINE is a metal cleaner and polish containing a blend of surfactants with special lubricants. In one easy operation, ***STEEL SHINE*** removes stains, oxidation, finger marks etc. while at the same time lubricates and enriches the steel surface. It leaves a water and stain-resistant film to retard future smudging. The high level of active ingredients in this formula gives great economy and effectiveness in its use.

Area of Use

STEEL SHINE is ideal to use on doors, gate railings, lifts, escalators, furnitures, sign plates, washroom accessories, standing waste bins and most other steel fittings and accessories.

Special Features

- Easy to use.
- Protective film for easier removal of dirt in next cleaning.
- High activity for greater economy.

Directions for Use

- Shake container of ***STEEL SHINE*** well before using.
- Spray-on or pour a little directly to surface to be cleaned.
- Use clean cloth to apply evenly and with enough pressure to remove stains and marks.
- Polish to a high sheen with another soft, dry and clean cloth.

Precaution

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

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

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MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION					
Product Name: STEEL SHINE			Distributor: KLENCO (SINGAPORE) PTE LTD		
Description: Stainless Steel Polish			Address: 18 Gul Crescent, Singapore 629527		
Date of MSDS: December 2004			Tel: (65) 6862 3388		
SECTION 2 - INFORMATION ON INGREDIENTS					
Chemical Name/Common Name	%	TLV	Chemical Name/Common Name	%	TLV
Petroleum lubricating oil	< 20.0	5 mg/m3	Non-hazardous ingredients	< 80.0	
SECTION 3 - HAZARDS IDENTIFICATION					
Emergency Overview: Ingestion may cause nausea, vomiting, pain, upset stomach and diarrhea. May cause mild eye irritation. Do not swallow. See sections 3, 5 and 6.					
Primary Routes of Exposure: N.A.					
Eye Contact: May cause reddening and irritation.					
Skin Contact: May cause mild irritation to some individuals.					
Inhalation: Exposure is unlikely.					
Ingestion: Exposure is unlikely. May cause nausea, vomiting, pain, and stomach upset.					
Target Organs/Chronic Effects: None known.					
Conditions Aggravated By Exposure: Exposure to this product is not expected to contribute, worsen or aggravate any pre-existing medical conditions.					
SECTION 4 – FIRST AID MEASURES					
Eye Contact: Flush with cool water for at least 15 minutes. Then consult a physician immediately if irritation persists.					
Skin: Wash with large amounts of soap and water. If irritation persists, consult a physician.					
Ingestion: Do not induce vomiting. Dilute by drinking water. Call a physician immediately.					
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.					
Notes to Physicians: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.					
SECTION 5 – FIRE FIGHTING METHODS					
Flash Point (T.C.C.): 82 deg °C		Flammable Limits - Upper: N.A. Lower: N.A.			
Extinguishing Media: Dry chemical, carbon dioxide and foam.					
Special Fire Fighting Procedure: Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment					
Unusual Fire/Explosion Hazards: None					
Hazardous Decomposition Products: Burning can produce carbon dioxide and/or carbon monoxide.					
SECTION 6 - ACCIDENTAL RELEASE MEASURES					
Evacuation: No special procedures are usually necessary.					
Containment: Stop spill at source. Eliminate all sources of ignition. 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.					
Collection And Disposal: Prevent run-off. Use proper protective equipment. Cover spills with absorbent clay, sawdust or inert material and place in closed chemical waste containers. Dispose according to applicable local, state and federal regulations.					
SECTION 7 - HANDLING AND STORAGE					
Storage Conditions: Combustible material. Store in cool, dry, well ventilated area at room temperature away from any possible source of ignition..					
Transfer: No special precautions are needed. Follow good manufacturing and handling practices.					
Personal Hygiene: Wash thoroughly with water after handling and before eating and/or drinking. Launder contaminated clothing before re-use.					
Empty Container Precautions: 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					
Exposure Guidelines:					
ACGIH - TLV: Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.					
Engineering Controls/Ventilation: Normally ventilation is not required					
Respiratory Protection: Normally not required.					
Eye Protection: Normally not required. Safety glasses / goggles can be worn if splashing is anticipated.					
Hand Protection: Not required.					
Other Protective Clothing: Normal work clothing covering arms and legs if splashing anticipated.					

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
Appearance & Odour:	Two layered emulsion.
Solubility in water:	Partial
Boiling Point:	121 °C
Specific Gravity:	1.000 +/- 0.005 g/cm ³
PH:	N.A.
Vapour Pressure:	Not determined
Vapour Density:	Not determined
SECTION 10 - STABILITY AND REACTIVITY	
Chemical Stability:	Stable under normal conditions of use.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Prevent possible source of ignition.
Incompatibility With Other Materials:	Acids and oxidizers.
SECTION 11 - TOXICITY INFORMATION	
Components:	This product contains petroleum oil that may cause irritation in eyes and skin of some individuals.
Toxicity:	Low toxicity.
SECTION 12 - ECOLOGICAL INFORMATION	
Environmental Fate and Distribution:	It is emulsifiable by surfactants and does not bio-accumulate.
Persistence and Degradation:	Product degrades readily by action of microorganism.
SECTION 13 - DISPOSAL CONSIDERATIONS	
Disposal:	Dispose off in an approved waste facility according to local regulations.
General Recommendations:	Of the methods of disposal currently available, 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.
SECTION 15 - REGULATORY INFORMATION	
Classification:	This product contains petroleum oil is classified as a flammable and combustible liquid under EC classification.
Ozone Depleting Chemicals:	No regulated ingredients.
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: MSDS 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.