


Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Section 1	Product Name: Grand 1010	Distributor: ENC Nationwide Sdn Bhd
	Description: Industrial Surface Renovator	Address: B-G-03, Block B, Jalan Bangau 11, Bandar Puchong Jaya, Off Jalan Puchong, Puchong, 47170 Selangor.
	Date of SDS: 01-Jan 2025	Tel : 603-8075-5222

HAZARDS IDENTIFICATION

Section 2	Eye Contact :	May cause reddening of eyes and intense irritation.
	Skin Contact :	Accidental contact may cause irritation.
	Inhalation :	Exposure is unlikely.
	Ingestion :	Exposure is unlikely. May cause nausea, vomiting, pain, and stomach upset.
	Conditions Aggravated By Exposure :	Exposure to this product is not expected to contribute, worsen or aggravate any pre-existing



INGREDIENTS INFORMATION

Chemical Name/Common Name	%	TLV	Chemical Name/Common Name	%	TLV
Potassium Hydroxide	< 2.0	2.0 mg/m ³	Sodium Metasilicate	5 - 10	2.0 mg/m ³
Non-Hazardous Ingredients	90-100		Ethylene Glycol Butly Ether	5 - 10	50 ppm

FIRST AID MEASURES

Section 4	Eye Contact :	Flush with cool water for at least 15 minutes. Then consult a physician immediately.
	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 occurred), and providing supportive therapy.

FIRE FIGHTING METHODS

Section 5	Flash Point (T.C.C.):	None to Boiling	Flammable Limits - Upper: NA	Lower: NA
	Extinguishing Media:	Water, Dry Chemical, Carbon dioxide and universal type Foam.		
	Special Fire Fighting Procedure :	Fire fighters whom 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.		

ACCIDENTAL RELEASE MEASURES

Section 6	Evacuation:	No special procedures are usually necessary.
	Containment:	Safely stop discharge. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water.
	Collection And Disposal:	Stop discharge, if safe to do so. Use proper protective equipment. Cover spills with absorbent clay, sawdust to inert material and place in closed chemical waste containers. Dispose according to applicable local, state and federal regulations.

HANDLING AND STORAGE

Section 7	Storage Conditions :	This product is a combustible liquid. Store in cool, dry, well-ventilated area at room temperature. Keep away from any possible source of ignition. Store away from any oxidizing materials.
	Transfer:	No special precautions are needed. Follow good manufacturing and handling practices.
	Personal Hygiene:	Wash thoroughly with water after handling, especially before eating and drinking. Launder contaminated clothing before re-use.
	Empty Container Precautions:	Do not re-use empty container for food, clothing or products of human or animal consumption or where skin contact can occur.

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EXPOSURE CONTROLS AND PERSONAL PROTECTION

Section 8	Exposure Guidelines:	
	ACGIH - TLV:	Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.
	Engineering Controls/Ventilation:	Local exhaust ventilation is recommended when vapors mist, or dusts can be released.
	Eye Protection:	Safety glasses/ goggles
	Hand Protection:	Rubber/ PVC Gloves
	Other Protective Clothing:	Normal work clothing covering arms and legs.

PHYSICAL AND CHEMICAL PROPERTIES

Section 9	Appearance & Odour:	Clear Purple Liquid with Pleasant Odour	Specific Gravity:	1.045 +/- 0.005 g/cm ³
	Solubility in water:	Complete	PH:	13.0 +/- 0.5
	Boiling Point:	100 ° C	Vapour Pressure:	Not Determined
			Vapour Density:	Not Determined

STABILITY AND REACTIVITY

Section	Chemical Stability:	Stable under normal conditions of use.
	Hazardous Polymerization:	Will not occur.
	Conditions to Avoid:	Not applicable.
	Incompatibility With Other Materials:	Oxidizers, acids and Chlorinated Detergents & Sanitizers.

TOXICITY INFORMATION

Section	Components:	This product contains ingredients listed in Section 2 that may cause irritation to eyes and/or skin. Indigestion of high amount of product may be fatal.
	Toxicity:	Oral LD 50 (rat) : > 4500 mg/kg

ECOLOGICAL INFORMATION

Section 12	Environmental Fate and Distribution:	It is soluble in water and does not bio-accumulate.
	Persistence and Degradation:	Product degrades readily by action of carbon dioxide in the air as well as decomposition by microorganism.
	Toxicity:	Concentrations with a pH value of 10.5 or greater especially in fresh water may be fatal to fish and other aquatic organism. Can cause damage to aquatic plants and vegetation.

DISPOSAL CONSIDERATIONS

Section 13	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.

TRANSPORT INFORMATION

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

Section 15	Classification:	This product contains Potassium Hydroxide and Sodium Metasilicate that is classified as Corrosive under EC Classification.
	Ozone Depleting Chemicals:	No regulated ingredients.

OTHER INFORMATION

Section	Hazard Rating : HMIS	FLAMMABILITY : 0
	HEALTH : 2	REACTIVITY : 0

Note : 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.