

SAFETY DATA SHEET


Date of Issue: January 2020

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SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name:	Dr. Perox Tablet		
SUPPLIER:	EDK Co.,Ltd.		
ADDRESS:	806, IAE, 175-28, Goan-ro 51, Baegam-myeon, Cheoin-gu Yonginsu, Korea		
TELEPHONE:	82-31-321-9402	FAX:	070-4206-7318
Substance:	Solid block	Product Use:	Deodorizer, Disinfectant

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture	
Classification	Acute toxicity, Oral (Category 4) Serious eye damage (Category 2) Reproductive toxicity (Category 2)
Label elements	
symbols	
Signal word	WARNING
Hazard statement(s)	
H302	Harmful if swallowed
H319	Causes serious eye irritation
H361	May damage fertility or the unborn child.
Precautionary statement(s): Prevention	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash your hands thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P280	Wear eye protection/ face protection.
Precautionary statement(s): Response	
P301+P312	IF exposed or concerned: Get medical advice/ attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P13	If exposed or feared to be exposed, seek medical advice.
P330	Wash your mouth
Precautionary statement(s): Storage	
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
Precautionary statement(s): Disposal	
P501	Dispose of contents/container to REGULATORY.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Sodium perborate tetrahydrate	10486-00-7	>90% w/w
Glucose oxidase	9001-37-0	<10% w/w

SECTION 4 – FIRST AID MEASURES

Inhalation	IF exposed or concerned : Get medical advice/attention
Skin contact	Immediately wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness persists.

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Eye contact	If eye irritation persists : Get medical advice/attention. IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	IF SWALLOWED : Immediately call a POISON CENTER/doctor. Rinse the mouth.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Eye wash station. Normal washroom facilities.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards & Extinguishing Media	<ul style="list-style-type: none">- Small/normal fire : Alcohol-resistant foam, dry chemical, water, carbon dioxide, dry sand- Large fire : Water spray/fog, fire fighting foam- Extinguishment by smothering : Dry sand or soil- Unsuitable extinguishing media : No data available
Fire Fighting	<ul style="list-style-type: none">- Rescuers need to note the personal protective equipment.- Leave the area and extinguish fire in safe range.- Avoid release to the environment.- If not danger, remove containers.- Extinguish fire in maximum range or use automatic fire apparatus.- Cool containers exposed to fire with water.- Leave from tanks if high-sounds or discolorations are found in power-operated relief valve.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Minor spills do not normally need any special clean-up measures – rinse with water. In the event of a major spill, prevent spillage from entering drains or water courses. Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. Avoid materials and products which are incompatible with the product (see section 10). Avoid direct contact of the product with water. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. If possible contain the spill. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Rinse any residues with excessive water. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
Environmental Precautions	<ul style="list-style-type: none">- Do not let products flow in waterway, drain basement, and sealed room.
Methods and materials for containments and cleaning up	<ul style="list-style-type: none">- Clean up with cleaner and water.

SECTION 7 – HANDLING AND STORAGE

Handling	Clean and dry process piping and equipment before using the product. Never return spillage to its original package or for reuse. Keep away from incompatible products. Do not use vacuum cleaner for cleaning up. Avoid contact and avoid breathing the material. Emergency showers and eye wash should be readily accessible. Remove all sources of ignition. Containers and equipment used to handle the product should be used exclusively for that product. Avoid any contact with water or humidity. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition -No smoking. Keep away from combustible material.
Storage	Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials as listed in section 10. Protect from direct sunlight. Keep away from heat sources. Keep away from reactive products. Store in vented containers.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameter	No data
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Appropriate engineering controls	Keep air level under exposure standard with the engineering management such as process isolation and local ventilation Keep air pollution under exposure standard when occur fume or mist in handle. Washing/shower system
Personal Protective Equipment	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The following protective equipment should be available;
Eye Protection	Chemical resisted eye protection
Hand Protection	No data available
Skin and Body Protection	No data available
Respirator	Chemical resisted respiratory protection

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	solid	Color	White
Odor	none	pH	(9.5 ~ 10.0) 1 % solution

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Stable at normal temperatures and pressure with slow gas release.
Conditions to Avoid	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Incompatibilities	Combustible materials, Reducing materials, acid, salt and heavy metals
Hazardous Decomposition	Oxygen, decomposition releases steam and heat.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity	Oral : LD50 1200 mg/kg Rat
Dermal	No data available
Inhalation	No data available
Skin corrosion/irritation	No data available
Eye damage/irritation	Middle-irritation. ※ Reference : RTECS
Sensitization	No data available
Respiratory	No data available
Sensitization - Skin	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Toxic to reproduction	rat (pregnancy female) TDLo = 3 mg/kg(Oral, (6 ~ 15) Days)
Specific target organ toxicity (Single exposure)	May cause respiratory irritation.
Specific target organ toxicity (Repeated exposure)	No data available.
Aspiration Hazard	No data available
Other adverse effects	No data available

SECTION 12 – ECOLOGICAL INFORMATION

Eco-toxicity Product (as sold)	No data available
Persistence and degradability	No data available
Bio accumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

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SECTION 13 – DISPOSAL CONSIDERATIONS

Methods and caution	Follow federal, state and local regulations Consider the notice in regulations.
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SECTION 14 – TRANSPORT INFORMATION

Labels Required

IMDG CODE	No data available
Other transport regulation	
DRG	No data
RID	No data
ADR	No data
AND	No data

SECTION 15 – REGULATORY INFORMATION

Korea industrial safety and health act	No data
Korea toxic chemicals control act	No data
Korea hazardous material safety control act	Not data
Korea waste control act	No data
Other internal and foreign acts	No data

SECTION 16 – OTHER INFORMATION

Issue Date	15th, January,2020
Disclaimer	This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.

End of MSDS