



บริษัท ชะอำ พีรพัฒน์ เคมีคอล จำกัด CHA-AM PEERAPAT CHEMICAL CO.,LTD.

118 ม.4 ซ.วัดสวนสันติ ต.ทับทอง อ.เขาชัย จ.เพชรบุรี โทร. 0-3279-7460-62 แฟกซ์. 0-3279-7463
118 Moo 4, Soi Watsuansanti, Tumbon Tabkang, Amphor Kaoyoy, Petchaburi Thailand Tel.(66)3279-7460-62 Fax.(66)3279-7463

SDS

Safety Data Sheet of Products

K-04

1. PRODUCT AND COMPANY IDENTIFICATION			
Trade Name	KNOCK OUT L		
Product Type	Preparation		
Manufactured / Supplier	CHA-AM PEERAPAT CHEMICAL CO., LTD.		
Address	118 Moo 4 Soi Watsaunsanti, Tabkang, Kaoyoy, Petchaburi 76140 Thailand.		
Phone Number	(66)0-3279-7460,62		
Fax Number	(66)0-3279-7463		
E- mail Address	cpc@peerapat.com		
2. HAZARD IDENTIFICATION			
Main Hazards	Cause severe burn.		
Health Effects – Eyes	Irritating to eyes.		
Health Effects – Skin	Irritating to skin.		
Health Effects – Ingestion	Harmful if swallowed		
Health Effects – Inhalation	Irritating to respiratory system.		
3. COMPOSITION/INFORMATION ON THE COMPONENT			
Preparation – Hazardous component			
Component	Concentration (%w/w)	R Phrases	Classification
Sodium hydroxide	11.28-12.72	R 35	C
Sodium hypochlorite (as available chlorine)	0.68-0.92	R31,34,41	C
4. FIRST AID MEASURES			
First Aid – Eyes	Immediately wash the eye with plenty of water. If irritation persists get medical attention.		
First Aid – Skin	Immediately wash the skin with plenty of water. If contaminated clothing take off cloth and wash with soap and water.		
First Aid – Ingestion	Do Not induce vomiting and drink plenty of water or milk. Get medical attention with package and label.		
First Aid – Inhalation	Remove to exposure. Obtain medical attention urgently.		



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5. FIRE FIGHTING MEASURES	
Extinguishing Media	Use water spray, foam, dry chemical or carbon dioxide.
Protective Equipment for Fire Fighting	Fire fighters require the necessary personal protective equipment for corrosive chemicals.
6. ACCIDENTAL RELEASE MEASURES	
Personal Precautions	Wear appropriate protective clothing. Material will create hazardous equipment.
Environmental Precaution	Try to prevent the material drain in to the river, canal or public water.
Spillage	Small spillage may be flushed with large quantities of water. Large spillage should be collected for disposal contain an absorb using earth, sand or other inert material.
7. HANDLING AND STORAGE	
Handling	Wear recommended personal protective equipment. Do not mix with other chemicals unless instructed by label directions.
Storage	Keep in tightly container. Keep out of reach of children. Keep away from food and animal. This product has shelf life 1 year.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Respiratory protection	Wear suitable face protection.
Hand Protection	Rubber gloves.
Eye Protection	Wear goggles or full face shield.
Body Protection	Wear protection clothing.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	Liquid
Color	Light yellow to yellow
Odor	Characteristic.
Solubility in water (kg/m ³)	Complete Solubility.
pH(1%)	13-14
S.G. At 25 °C	1.150-1.190
10. STABILITY AND REACTIVITY	
Stability	Stable under normal conditions.
Condition to Avoid	None
Materials to Avoid	Strong acid



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Hazardous Decomposition	None
11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	The constituents of this one preparation are classified as non-toxic. LD50 (oral, rat) 827.14 mg./kg.
12. ECOLOGICAL INFORMATION	
Persistence/Degradability	The product is readily biodegradable.
Bio – accumulation	Product is not expected to bio- accumulation.
13. DISPOSAL CONSIDERATIONS	
	Return residue and solutions that cannot be reused to a recognized waste disposal company. If necessary contact the relevant authorities. Do not reuse empty containers and dispose of in accordance with the regulations issued by the appropriate local authorities. Bring decontaminated packaging to local recycling center.
14. TRANSPORT INFORMATION	
UN No	-
Hazard class	8
15. REGULATORY INFORMATION	
UK Legislation	SI 1993/1746: Chemicals (Hazard information and Packaging) Regulations, 1993. SI 1988/1657: The control of Substances Hazardous to Health Regulation.
Labeling Information	C
R phrases	Causes severe burn.
S phrases	In case of contact with eye rinse immediately with plenty of water and Get medical attention. Wear suitable protective clothing
16. OTHER INFORMATION	
SDS First issued	Mar 6,2000
SDS Revise	Jan 30, 2011