



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

<b>1. PRODUCT AND COMPANY IDENTIFICATION</b>			
Trade Name	CLEAN		
Product Type	Preparation		
Manufacturer/Supplier	CHA-AM PEERAPAT CHEMICAL CO., LTD.		
Address	118 Moo 4 Soi Watsuansanti, Tabkang, Kaoyoy, Petchaburi 76140 Thailand.		
Phone Number	(66)3 279 7460, 62		
Fax Number	(66)3 279 7463		
E- mail Address	cpc@peerapat.com		
<b>2. HAZARD IDENTIFICATION</b>			
Main Hazards	Irritating to eyes and harmful if swallowed.		
Health Effects – Eyes	Cause eye burns.		
Health Effects – Skin	Harmful by absorbed through skin.		
Health Effects – Ingestion	Irritate digestive tract.		
Health Effects – Inhalation	May cause irritation.		
<b>3. COMPOSITION/INFORMATION ON THE INGREDIENT</b>			
Preparation – Hazardous component			
Component	Concentration (%w/w)	R Phrases	Classification
Ethoxylated nonylphenol	2.7-3.3	R36/38	Xi
<b>4. FIRST AID MEASURES</b>			
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	Induce vomiting and drink 2 glasses of water and get medical attention.		
First Aid – Inhalation	Remove to exposure. Obtain medical attention urgently.		
<b>5. FIRE FIGHTING MEASURES</b>			
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.		
<b>6. ACCIDENTAL RELEASE MEASURES</b>			
Personal Precautions	Wear appropriate protective clothing. Material will create hazardous equipment.		



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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.
<b>7. HANDLING AND STORAGE</b>	
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 and half year.
<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
Respiratory protection	Wear suitable face protection.
Hand Protection	Rubber gloves.
Eye Protection	Wear goggles
Body Protection	Wear protection clothing.
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
Physical State	Liquid.
Color	Light Green
Odor	Characteristic.
Solubility in water (kg/m <sup>3</sup> )	Complete Solubility.
pH (1%)	9.0 -11.0
S.G. At 25 °C	1.006-1.046
<b>10. STABILITY AND REACTIVITY</b>	
Stability	Stable under normal conditions.
Condition to Avoid	None.
Materials to Avoid	None.
Hazardous Decomposition	None.
<b>11. TOXICOLOGICAL INFORMATION</b>	
Acute Toxicity	The constituents of this one preparation are classified as non-toxic. LD50 (oral, rat) 43,666.67 mg/kg.
<b>12. ECOLOGICAL INFORMATION</b>	
Persistence/Degradability	The product is readily biodegradable.
Bio – accumulation	Product is not expected to bio- accumulation.



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<b>13. DISPOSAL CONSIDERATIONS</b>	
	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.
<b>14. TRANSPORT INFORMATION</b>	
UN No	-
Hazard class	9
<b>15. REGULATORY INFORMATION</b>	
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	Xi
R phrases	Irritating to eyes and harmful if swallowed.
S phrases	In case of contact with eye rinse immediately with plenty of water and Get medical attention. Wear suitable protective clothing
<b>16.OTHER INFORMATION</b>	
SDS First issued	Mar 6, 2000
SDS Revise	Dec 30, 2008