



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

118 ม.4 ซ.วัดสวนสันติ ต.ทับกาง 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

C-45

| | | | |
|--|---|-----------|----------------|
| 1. PRODUCT AND COMPANY IDENTIFICATION | | | |
| Trade Name | CLEAN STEWARD | | |
| 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 irritation | | |
| 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 metasilicate | 7.20-8.80 | R20/22-34 | 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 and half 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 | Colorless |
| Odor | Characteristic |
| Solubility in water (kg/m ³) | Complete Solubility. |
| pH (1%) | 13-14 |
| S.G. At 25 °C | 1.020-1.200 |



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| | |
|--------------------------------------|---|
| 10. STABILITY AND REACTIVITY | |
| Stability | Stable under normal conditions. |
| Condition to Avoid | None |
| Materials to Avoid | None |
| Hazardous Decomposition | None |
| 11. TOXICOLOGICAL INFORMATION | |
| Acute Toxicity | The constituents of this one preparation are classified as non-toxic. LD50 (oral, rat) 9625 mg./kg. |
| Strong acid | |
| None | 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 irritation. |
| 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 | SEP 18,2010 |
| SDS Revise | Jan 30,2011 |