

**Product name : CK6 Toilet Bowl Cleaner**

Version 1.0

PSDS Number : SDSC6001

Print date : 02-Aug-2015

**1. PRODUCT AND COMPANY IDENTIFICATION****Product information**

Trade name : **Clean Kraft 6** - (5Ltr)  
 Use of the product : Toilet bowl cleaner  
 Company : Innochem Labs (India) Private Limited  
 Plot A 15, Road no. 9, IDA Nacharam,  
 Hyderabad, Telangana 500 076.  
 Emergency telephone : 91-40-65551717, 91-7032150008

**2. HAZARDS IDENTIFICATION**

**RISK PHRASE(S)** R34 Causes burns  
 (See Section 15) R37 Irritating to respiratory system

**ENVIRONMENTAL RISK PHRASE:** None

**SAFETY PHRASE(S)** S1/2 Keep locked up and out of the reach of children  
 S24/25 Avoid contact with skin and eyes  
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S28 After contact with skin, wash immediately with plenty of water.  
 S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)  
 S64 If swallowed, rinse mouth with water (only if the person is conscious)  
 S13 Keep away from food, drink and animal feeding stuffs  
 S50 Do not mix with bleach or other cleaning products.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No.	Weight %
Hydrochloric acid	7647-01-0	≤10.50
Oleylbis(2-hydroxyethyl)amine	25307-17-9	<10
Hexadecyl trimethyl ammonium chloride	112-02-7	<10
Butylated hydroxy toluene	128-37-0	<1
Perfume	Mixture	<1
Other ingredients classified as not hazardous according to NOHSC (Australia)		to 100

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#### 4. FIRST AID MEASURES

<b>Eye Contact</b>	:	Wash eyes immediately with large amount of water and contact a doctor.
<b>Skin Contact</b>	:	Remove contaminated clothing. Wash off skin with water. If irritation persists contact a doctor.
<b>Inhalation</b>	:	Remove to fresh air. If breathing difficulties are experienced, seek medical attention.
<b>Ingestion</b>	:	If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Call a physician or Poison Control Center immediately.
<b>Advise to doctor</b>	:	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Specific Dangers</b>	:	The product causes burns of eyes, skin and mucous membranes. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors.  In the event of fire and/or explosion do not breathe fumes.  See Section 2 for Hazard Identification.
<b>Flammability</b>	:	Not flammable.
<b>Extinguisher Type</b>	:	Use fine spray or water fog, foam, carbon dioxide or dry chemical.
<b>Hazchem code</b>	:	2X

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency and Evacuation Procedures</b>	:	Avoid contact with skin, eyes and clothing Evacuate personnel to safe areas Remove all sources of ignition. Use personal protective equipment. See section 8. Keep people away from and upwind of spill/leak
<b>Minor Spills</b>	:	Dilute with water and mop up, or absorb with an inert material and in an appropriate waste disposal container.
<b>Major Spills or</b>	:	Contain and collect for later disposal according to local, provincial, state federal regulations. Do not allow product to enter waterways.

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**7. HANDLING AND STORAGE**

**Handling** : Class 8 dangerous good. Handle accordingly.  
 Ensure adequate ventilation.  
 Do not ingest  
 Avoid contact with skin and eyes  
 Wear suitable protective clothing, gloves and eye/face protection  
 Remove and wash contaminated clothing before re-use  
 DO NOT mix with bleach or other cleaning products.  
 Do not allow to come in contact with any other surfaces other than the toilet bowl.

**Storage** : Class 8 dangerous good. Store accordingly.  
 Keep containers tightly closed in a dry, cool and well-ventilated place.  
 Keep out of the reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Standards** : Exposure Standards 1 have been set for the following ingredients:

**Occupational and exposure limits**

Product/ingredient name	Exposure limit values
Hydrogen chloride	<b>EU OEL (Europe, 12/2009). Notes: list of indicative occupational exposure limit values</b> TWA: 5 PPM 8 hour(s). TWA: 8 MG/M3 8hour(s). STEL: 10 PPM 15 minutes(s). STEL: 15 MG/M3 15 minute(s).

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

CAS#, Chemical Abstracts Service Registry. A unique numbering identifier is assigned to each individual chemical.

PPM: Parts of vapour or gas per million of contaminated air by volume at 25°C and 760 torr

**Engineering controls:** Use in well ventilated areas. Maintain air concentrations below exposure standards.

**Personal protection:** When handling bulk material, suitable safety glasses, protective clothing and impervious gloves should be worn. If ventilation is insufficient, a suitable respirator should be worn.

**Work/hygiene practices:** Wash thoroughly with soap and water after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State** : Liquid

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<b>Appearance</b>	:	Clear , Viscous
<b>Colour</b>	:	Blue
<b>Boiling Point</b>	:	100°C (water)
<b>Vapour Pressure</b>	:	2.4 kPa (water)
<b>Specific Gravity</b>	:	1.02 - 1.06 @ 25°C
<b>Flashpoint</b>	:	Not flammable
<b>Solubility in Water</b>	:	Miscible
<b>pH</b>	:	< 1 (neat)
<b>Viscosity</b>	:	1500 -1700cps @ 20 °C( Brookfield viscometer, RV spindle 3,20 rpm)

  

<b>10. STABILITY AND REACTIVITY</b>		
<b>Stability</b>	:	Stable under normal conditions.
<b>Dangerous Reactions</b>	:	Avoid contact with caustic or alkaline solutions. Contact with alkaline materials may generate heat. Avoid oxidising agents. Avoid contact with metals, cyanides and sulfides.
<b>Decomposition Products</b> nitrogen	:	Thermal decomposition products may include oxides of carbon & and, hydrogen chloride.

  

<b>11. TOXICOLOGICAL INFORMATION</b>		
<b>Product Toxicity</b>	:	The toxicity of this product has not been determined.
<b>Component Toxicity</b>	:	The hazard identifications in Section 2 were derived from the known effects of the individual ingredients and their concentrations in the product.
<b>Summary of Product Toxicity Effects</b>		
<b>Acute Effect(s)</b>		
<b>Eye</b>	:	Will cause burns to the eyes which can lead to permanent damage.
<b>Skin</b>	:	Will cause burns to the skin.
<b>Inhaled</b>	:	Will cause irritation to upper respiratory tract.
<b>Swallowed</b>	:	Do not ingest. Contains hydrochloric acid. Will cause burns to the gastrointestinal tract. See Section 4 for First Aid instructions.
<b>Chronic Effect(s)</b>	:	The chronic toxicity of this product has not been determined.

  

<b>12. ECOLOGICAL INFORMATION</b>		
<b>Product Eco-toxicity</b>	:	The Eco toxicity of this product has not been determined.
<b>Component Eco-toxicity</b> environmental hazard	:	Based on component eco-toxicity data the product is not an

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### 13. DISPOSAL CONSIDERATIONS

**Disposal Method:** Product should be treated according to the instructions given under sections 6, 7 and 8 above.  
Dispose of according to Local, State and Federal regulations. Contact relevant authority for details.

### 14. TRANSPORT INFORMATION

#### Road Transport Regulations (ADG)

UN number	UN 1789
Proper shipping name	Hydrochloric acid, Solution
DG class	8
Subsidiary risk	None allocated
Packing group	III
Hazchem code	2R

#### Maritime Transport Regulations (IMDG)

UN number	UN 1789
Proper shipping name	Hydrochloric acid, Solution
DG class	8
Subsidiary risk	None allocated
Packing group	III

#### Air Transport Regulations (IATA)

UN number	UN 1789
Proper shipping name	Hydrochloric acid, Solution
DG class	8
Subsidiary risk	None allocated
Packing group	III

National transport regulations may apply.

### 15. REGULATORY INFORMATION

Regulatory Status	Not applicable.
Risk Phrase(s)	R34 Causes burns R37 Irritating to respiratory system
Environmental Risk Phrase	None
Safety Phrase(s)	S1/2 Keep locked up and out of the reach of children S24/25 Avoid contact with skin and eyes

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S64 If swallowed, rinse mouth with water (only if the person is conscious)  
S13 Keep away from food, drink and animal feeding stuffs  
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## 16. OTHER INFORMATION

### India:

#### Regulatory, Safety & Environmental Services

Within India Ph: 91-40-65551717, 91-7032150008

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#### KEY/LEGEND

ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail

DG = Dangerous Goods

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

NOHSC = National Occupational Health and Safety Commission (Australia)

#### Further information

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