

**Product name: CK3 Plain Glass Cleaner**

Version 2.0

**PSDS Number** : SDSCK3001

**Print date** : 25-Jan-2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

Trade name : **Clean Kraft 3** - (5Ltr)  
 Use of the product : Plain Glass 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)**  
 (See Section 15)

R11 Highly flammable  
 R36 Irritating to eyes  
 R67 Vapours may cause drowsiness and dizziness.

**SAFETY PHRASE(S)** S2 Keep out of reach of children

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Isopropyl alcohol	67-63-0	5-10
Ammonia	1336-21-6	< 0.5

## 4. FIRST AIDS AND MEASURES

### 4.1 Description of first aid measures

#### Eye contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove contact lenses. Get medical attention if irritation occurs.

#### Inhalation

Move exposed person to fresh air

#### Skin contact

Get medical attention if symptoms occur.

#### Ingestion

Wash out mouth with water. Get medical attention if symptoms occur.

**Notes to physician:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

### Unsuitable extinguishing media

None known.

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In a fire, hazardous decomposition products may be produced.

**Hazardous thermal decomposition products**

Decomposition products may include the following materials:

Carbon dioxide

Carbon monoxide

**6. ACCIDENTAL RELEASE MEASURES****Personnel precautions, protective equipment and emergency procedures****Small spill**

Stop leak if safe to do so. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill**

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

**7. HANDLING AND STORAGE**

The information in this section contains generic advice and guidance. The list of identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**Precautions for safe handling****Protective measures**

Put on appropriate personal protective equipment (see Section 8)

**Advice on general occupational hygiene**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities****Storage**

Store in accordance with local regulations. Storage in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Control parameters

#### Occupational and exposure limits

Product/ingredient name	Exposure limit values
Isopropyl alcohol	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b> TWA: 400 PPM 8 hour(s). TWA: 999 mg/m <sup>3</sup> 8hour(s). STEL: 500 PPM 15 minutes(s). STEL: 1250 mg/m <sup>3</sup> 15 minute(s).
Ammonia (25%)	TWA: 25 PPM (ACGIH) TWA: 50 PPM (OSHA) STEL: 35 PPM as NH <sub>3</sub> (ACGIH)

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/Hygienic Practices:** Wash thoroughly with soap and water after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Physical state	: Clear Aqueous Liquid.
Color	: Blue.
Odor	: Characteristic.
pH	: 9.5-11
Melting point	: Not available.
Boiling point	: Not available.
Freezing point	: Not available.
Flash point	: Closed cup: >93.3°C
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Burning time	: Not available.
Burning rate	: Not available.
Lower explosion limit	: Not available.
Upper explosion limit	: Not available.
Vapour pressure	: Not available.

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Vapour density : Not available.  
 Density : 0.985 to 0.995 g/cm<sup>3</sup>  
 Solubility (ies) : Easily soluble in the following materials: cold water and hot water.  
 Partition coefficient: n-octanol/water : Not available.  
 Decomposition temperature : Not available.  
 Viscosity : Not available.  
 Explosive properties : Not available.  
 Oxidizing properties : Not available.

**Other information**

No additional information.

**10. STABILITY AND REACTIVITY**

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability:** The product is stable.

**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur. Polymerization. There are no data available on the preparation itself.

**Conditions to avoid:** Keep away from extreme heat. Protect from moisture.

**Incompatible materials:** Do not mix with other products.

**Hazardous decomposition products:** carbon oxides, Various organic chemicals.

**Instability conditions:** Not available.

**Instability temperature:** Not available.

**11. TOXICOLOGICAL INFORMATION**
**Information on toxicological effects**
**Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Isopropyl alcohol	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-

**Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Isopropyl alcohol	Eyes-Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Eyes-Moderate irritant	Rabbit	-	10 mg	-
	Eyes- Severe irritant	Rabbit	-	100 mg	-
	Skin- Mild irritant	Rabbit	-	500 mg	-

**Sensitization** : No known effect according to our database.

**Mutagenicity** : No known effect according to our database.

**Carcinogenicity** : No known effect according to our database.

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**Reproductive toxicity** : No known effect according to our database.

**Teratogenicity** : No known effect according to our database.

**Potential acute health effects**

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

**Symptoms related to physical, chemical and toxicological characteristics**

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure**
**Short term exposure**
**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

**Long term exposure:**
**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

**Potential chronic health effects**

Not available

**Conclusion/Summary** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

**Other information** : Not available

**12. ECOLOGICAL INFORMATION**
**Toxicity**

Product/ingredient name	Result	Species	Exposure
Isopropyl alcohol	Acute LC50 1400000 µg/L Marine water	Crustaceans. Crangon crangon	48 hours
	Acute LC50> 1400000 µg/L Fresh water	Fish. Gambusia affinis. 20 to 30 mm	96 hours

**Persistence and degradability**

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No known effect according to our database.

**Bio-accumulative potential**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Isopropyl alcohol	0.05	-	low

**Mobility in soil**

 Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

Mobility : Not available.

**Results of PBT and vPvB assessment**

PBT : Not applicable.

vPvB : Not applicable.

**Other adverse effects** : No known significant effects or critical hazards.

**13. DISPOSAL CONSIDERATIONS**

The information in this section contains generic advice and guidance. The list of identified uses in Section 1 should be consulted for any available use-specific information provided in the exposure scenario(s).

**Waste treatment methods**
**Product**
**Methods of disposal** : Waste must be disposed of in accordance with federal, state and local environmental control regulations. Waste packaging should be recycled.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

**Packaging**
**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**14. TRANSPORT INFORMATION**

This preparation is not classified as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).

For long distance transport of bulk material or shrunk pallet take into consideration 7 and 10.

**15. REGULATORY INFORMATION**

Chemical Safety Assessment following regulation 1907/2006/EC: Not relevant.

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

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**KEY/LEGEND**

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

NOHSC = National Occupational Health and Safety Commission (Australia)

**Further information**

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