



# King Clean Safety Data Sheet

SAFETY DATA SHEET in accordance with REGULATION (EC) No 1907/2006 & (EU) No 2015/282

## 1 IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

**Product Identifier:** King Clean

**Product Number:** CKG1PF33

**Relevant identified uses of mixture:** Cleaning/Degreasing agent for washable, rinsable surfaces. Fragrance & colorant free.

**Relevant identified uses advised against:** Surfaces not tolerant of degreasing agents, non-rinsable surfaces.

<b>Company:</b>	Coating Kings 44 Mulgrave Road, London, UK, SE18 5TY	
<b>Telephone:</b>	+44 (0) 845 299 6229	
<b>Fax:</b>	n/a	
<b>Email:</b>	sales@coatingkings.co.uk	
<b>Emergency Telephone: NHS 111 or a doctor</b>	<b>Poison Control: <a href="http://www.npis.org">www.npis.org</a></b>	

## 2 HAZARDS IDENTIFICATION

**Classification according to Regulation (EC) No 1272/2008 [CLP] :** Eye Irritant 2

### Label Elements

**Signal Word:** Warning.

**Hazard Statements:** H319: Causes serious eye irritation

**Precautionary Statements:** P280: Wear eye protection.

P264: Wash hands thoroughly after handling. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.

### Hazard Pictograms:

**Supplemental Hazard Information:** Not applicable

**Other Hazards:** None known.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	EC No.	CLP Annex VI Index No.	REACH No.	% weight	Name	Classification According to (EC) No 1272/2008 (CLP)
68439-46-3	614-482-0	-	-	< 0.2 - < 1%	C9-11 Ethoxylated Alcohol	Eye Dam. 1 - H318
68-04-2	200-75-3	-	-	< 0.2 - < 1%	Sodium Citrate	Not classified
51981-21-6	257-573-7	-	-	< 0.2 - < 1%	Tetrasodium N,N-bis(carboxymethyl)-L-glutamate	Not classified
497-19-8	207-838-8	-	-	< 0.2 - < 1%	Sodium Carbonate	Eye Irrit. 2 - H319
77-92-9	201-069-1	-	-	< 0.1 - < 0.2%	Citric Acid	Not Classified

*For full text of H statements and symbols see section 16*

\*Please note the above ingredients are supplied to Revolutionary Protective Solutions as a mixture making < 3.4% total of the finished product as supplied. The remaining > 96.6% of the product is made up with water.



#### 4 FIRST AID MEASURES

**General Notes:** Dilution of concentrate with water to 20% reduces possibility of eye irritation and removes Signal Word, Hazard Statements and Pictogram from secondary container labels.

**Following Inhalation:** Move to fresh air in case of inhalation overexposure. If coughing or irritation persists consult a physician.

**Following Skin Contact:** Wash with water. If redness, swelling or persistent irritation occurs consult a physician.

**Following Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

**Following Ingestion:** Continue rinsing. If eye irritation persists: Get medical advice/attention.  
Clean mouth with water. Drink plenty of water. Do not induce vomiting. If you feel unwell seek medical advice immediately.

#### 4 FIRST AID MEASURES *Continued*

**Self-protection of the first aider:** Treat Symptomatically.

**Acute effects:** None known or expected.

**Delayed effects:** None known or expected.

**Immediate medical attention / special treatment:** None needed.

#### 5 FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use dry chemical, CO<sub>2</sub>, water spray or “alcohol” foam.

**Unsuitable Extinguishing Media:** High volume water Jet.

**Hazardous combustion products:** No hazards or reactions expected.

**Advice for firefighters:** No special equipment needed for this product. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 6 ACCIDENTAL RELEASE MEASURES

##### Non-Emergency Personal

**Protective Equipment:** Use protective goggles.

**Emergency Procedures:** For small and large spills, wipe with absorbent material or soak with absorbent material and dispose of properly – see section 13

**Emergency Responders:** See instructions above.

**Environmental Precautions:** Do not allow into open waterways and ground water systems. Local authorities should be advised if significant spillages cannot be contained.

**Methods for containment:** Dike or divert spill from access to open waterways, or capping of drains.

**Methods for cleaning up:** Soak up with inert absorbent material (i.e. sand).

**Other information:** Refer to section 13 for appropriate disposal.

#### 7 HANDLING AND STORAGE



**Precautions for safe handling**

**Protective Measures:** Avoid spray back and splashing. Keep container tightly closed when not in use.

**Measures to prevent fire:** Not applicable. Non flammable liquid.

**Measure to prevent aerosol and dust generation:** Not applicable.

**Measures to protect environment:** Avoid spills and keep away from drains.

**Advice on general occupational hygiene:** Do not eat, drink and smoke in work area. Wash hands after using. Remove contaminated clothing and protective equipment before entering eating areas.

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

**Technical Measures and storage conditions:** Store in cool dry area. Keep container tightly closed.

**Packing Materials:** Suitable for storage in HDPE and PET plastics.

**Requirements for storage rooms and vessels:** Do not allow to freeze or overheat.

**Storage Class - Further information on storage conditions:** None needed.

**Specific End Uses - Recommendations:** Cleaner / Degreaser used manually or with pressure washers and parts washers.

**Specific End Uses - Industrial sector specific solutions:** See above

**8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Exposure Limit Values:** Sodium Carbonate (497-19-8) – Czech Republic - 10 mg/m<sup>3</sup> Ceiling; 5mg/m<sup>3</sup> TWA  
Sodium Carbonate (497-19-8) – Romania - 3 mg/m<sup>3</sup> STEL; 1 mg/m<sup>3</sup> TWA

**Exposure Controls**

**Appropriate Engineering Controls** Avoid spray back and splashing. Keep container tightly closed when not in use.

**Personal Protection Equipment**

**Eye and Face Protection:** If splashing is likely use protective glasses or goggles.

**Skin Protection - Hands:** Not needed. Extended usage with dermally sensitive individuals may require nitrile gloves.

**Skin Protection – Other skin protection:** Not needed.

**Respiratory Protection:** Not needed. In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal Hazards:** Not needed.

**Environmental exposure controls:** Do not allow into open waterways and ground water systems.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear Colorless Liquid	<b>Vapour Density:</b>	Not tested
<b>Odor:</b>	Detergent; No Added Odor	<b>Relative Density</b> ASTM D-4017:	1,025 g/ml
<b>Odor Threshold:</b>	Not determined	<b>Solubility:</b>	100% in water
<b>pH</b> ASTM D-1293:	9,8 – 10,8	<b>Partition Coefficient:</b>	Not tested
<b>Freezing Point</b> ASTM D-1177:	0 – 3,33°C (32 - 38°F)	<b>Auto-Ignition Temperature:</b>	None, see flash point
<b>Boiling Point</b> ASTM D-1120:	101°C (213,8°F)	<b>Decomposition Temperature:</b>	Not tested
<b>Flash Point</b> ASTM D-93:	None	<b>Viscosity:</b>	Not tested
<b>Evaporation Rate:</b>	Not tested	<b>Explosive Properties:</b>	None, see flash point
<b>Flammability:</b>	None, see flash point	<b>Oxidizing Properties:</b>	None, contains no oxidizers
<b>Vapour Pressure:</b>	Not determined	<b>VOCs</b> CARB Method 310:	0,4%
<b>Upper/Lower Flammability or explosive limits:</b>	Not applicable		



## 10 STABILITY AND REACTIVITY

**Reactivity:** Not reactive.  
**Chemical Stability:** Under storage at normal ambient temperatures (minus 40° C to + 40° C), the product is stable  
**Possibility of Hazardous Reactions:** No known hazardous reactions  
**Conditions to avoid:** Excessive heat, light or freezing temperatures  
**Incompatible Materials:** Materials susceptible to degreasing agents.  
**Hazardous decomposition products:** No known hazardous decomposition products.

## 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity (for mixture)-** **Oral (LD<sub>50</sub>, rat, mg/kg):** > 5000<sup>1</sup> **Dermal (LD<sub>50</sub>, rat, mg/kg):** > 5000<sup>1</sup>  
**Inhalation (LC<sub>50</sub>, rat, mg/l/4h):** Contains no ingredients classifiable in this category

**Skin Corrosion /Irritation:** Non-irritant per Dermal Irritection® assay modeling. No animal testing performed.  
**Serious Eye damage/Irritation:** Slight irritant per Ocular Irritection® assay modeling. No animal testing performed.  
**Respiratory or skin sensitization:** No.<sup>2</sup> **Carcinogenicity:** No.<sup>2</sup>  
**Germ cell mutagenicity:** No.<sup>2</sup> **Reproductive toxicity:** No.<sup>2</sup>  
**Summary of evaluation of CMR properties:** Mixture and ingredients are not classifiable according to CLP in this category.  
**STOT-single exposure:** No.<sup>2</sup> **STOT-repeated exposure:** No.<sup>2</sup>  
**Aspiration hazard:** No.<sup>2</sup>

## 11 TOXICOLOGICAL INFORMATION *Continued*

<sup>1</sup> calculated via (EC) No 1272/2008 on Classification, Labelling and Packaging of substances and mixtures. No animal testing performed.

<sup>2</sup> Mixture, based on ingredients, is not classifiable according to CLP in this category.

## 12 ECOLOGICAL INFORMATION

### Toxicity

Acute		Chronic	
<b>Fish:</b>	Aquatic Toxicity – Low , based on OECD 201, 202, 203 + Microtox: EC <sub>50</sub> & IC <sub>50</sub> ≥100 mg/L.	<b>Fish:</b>	Not tested
<b>Crustacea:</b>		<b>Crustacea:</b>	Not tested
<b>Algae/aquatic plants:</b>		<b>Algae/aquatic plants:</b>	Not tested
<b>Other organisms:</b>	Not tested	<b>Other organisms:</b>	Not tested

### Persistence and degradability:

**Abiotic Degradation:** Surfactant degrades abiotically **Physical- and photo-chemical elimination:** Not assessed  
**Biodegradation:** Readily Biodegradable per OECD 301D, closed bottle test.

### Bioaccumulative potential

**Partition coefficient n-octanol/ water (log Kow):** Not assessed **Bioconcentration factor (BCF):** Not assessed





## 16 OTHER INFORMATION

### Abbreviations

H318 – Causes serious eye damage

H319 – Causes serious eye irritation

### Classification according to Regulation (EC) Nr. 1272/2008

The statements in this Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

**Date of Issue:** 27/07/23

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