

## Safety Data Sheet (SDS)

1823-K45

Issue date 08/19/2010

Reviewed on 07/09/2018

### 1. Identification

- **Product Identifier**
- **Name of the product:** 1823-K45 Degreaser/Detergent
- **Recommended Use:** Cleaning
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**  
Ramsay Browne Chemical & Company  
PO Box 6425  
Moraga, CA 94570  
General Number: (925) 280-1661
- **Emergency telephone number: (925) 280-1661**

### 2. Hazard(s) Identification



- **Health hazard, Environment, and other Warnings**  
Emergency overview: Water based alkaline cleaner. Keep off of skin and especially out of eyes. Flush immediately from eyes to avoid possible permanent damage.

#### GHS Label elements, including precautionary statements

**H315** Causes skin irritation

**H320** Causes eye irritation

**H333** May be harmful if inhaled

**H402** Harmful to aquatic life

**P264** Wash thoroughly after handling

**P273** Avoid release to the environment

Keep out of waterways and storm sewers.

**Eyes:** Flush immediately with water for at least 15 min. Seek medical attention.

**Skin:** Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.

**Inhalation:** If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.

**Ingestion:** Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.

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### 3. Composition / Information on ingredients

CAS #	Percentage	Chemical Name
67-63-0	< 5	Isopropyl Alcohol
141-43-5	< 5	Ethanolamine

Product also contains non regulated detergents which may contribute to eye and skin irritation. Product contains no phosphates.

No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2004" from ACGIH except as noted above.

California criteria: Constituents qualifying as hazardous materials, substances or waste, other than above, if any, have been neutralized or denatured to a non hazardous condition. Regulations referenced: California Health & Safety Code Ch 6.95 Sec 255001 (k) & (l), CCR Title 22, Sec 66261.21- .24 and Appendix X of 22 CCR Chapter 11, Article 4.

### 4. First-aid measures

**Effects of acute or chronic exposure:**

**Eyes:** Irritating and possibly permanent damage to eyes.

**Skin:** Can cause irritation from repeated exposure.

**Inhalation:** Mists may be irritating to breathing passages.

**Ingestion:** Not a likely source of chronic exposure.

### 5. Emergency response procedures

**Fire:**

**Extinguishing media:** Use equipment appropriate to the main cause of the fire.

**Special procedures:** None

**Unusual hazards:** Oxides of carbon and nitrogen formed on burning.

**First aid:**

**Eyes:** Flush immediately with water for at least 15 min. Seek medical attention.

**Skin:** Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.

**Inhalation:** If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.

**Ingestion:** Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.

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### 5. Emergency response procedures (continued)

**Spills:**

**Small/large spill:** Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.

### 6. Handling and storage

**General:**

Water based alkaline cleaner. Keep off of skin and especially out of eyes. Flush immediately from eyes to avoid possible permanent damage. Wipe up spills immediately as they may be slippery.

**Protective Equipment:**

**Eyes:** Safety glasses or goggles should be worn if there is possibility of eye contact.

**Skin:** Impermeable gloves such as rubber, PVC or neoprene are recommended.

**Respiratory protection:** None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance mists.

**Ventilation:** A well ventilated work environment is recommended.

**Other:** None

### 7. Physical and chemical properties

<b>Appearance:</b>	Pale amber liquid	<b>Solubility:</b>	100%
<b>Odor:</b>	Faint amine	<b>Freezing/Melting Pt.:</b>	ND
<b>Spec Grav./Density:</b>	>1	<b>Boiling Point:</b>	ND
<b>% phosphorous:</b>	Zero%	<b>Vapor Pressure:</b>	ND
<b>VOC Content:</b>	28 g/l	<b>Flash Point:</b>	None
<b>Ph reaction:</b>	Approx. 11.0-11.5 as made		

California Rule 102 (66): Contains no photochemically active materials.

### 8. Stability and reactivity

**Explosive limits:**

**Upper:** None

**Lower:** None

**Chemical stability:** Stable

**Hazardous polymerization:** Cannot occur

**Flash Point:** See Sec 7

**Conditions to avoid:** None known

**Hazardous decomposition products:** None known

**Incompatibility:** Do not mix with other cleaners to preserve high level of cleaning effectiveness.

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### 9. Disposal considerations

Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.

### 10. Other information

Hazard Categories:	Health	Fire	Pressure	Reactivity
Immediate:	Yes	No	No	No
Delayed:	No	XXX	XXX	XXX

Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.

HMIS Hazard ratings:	Health: 1	Fire: 0	Instability: 1	Other B (glasses, gloves)
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HMIS-ratings (scale 0-4)

1823-K45 (Degreaser/Detergent)	
HEALTH	1
FIRE	0
REACTIVITY	1
PERSONAL PROTECTION	B

#### NFPA 704 Hazard Ratings:

Health: 1

Flammability: 0

Reactivity: 1

Special: NA

**Threshold limit value:** Not established on product.

**TOSCA Status:** All ingredients listed

**California Prop 65:** None

**Reproductive implications:** None

**CERCLA RQ:** See Sec 2

**Ingredients on cancer lists:** None

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### 10. Other information (continued)

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