

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.

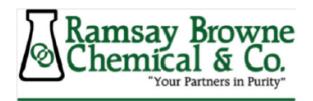
Skin: Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.

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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

Appearance: Pale amber liquid **Solubility:** 100% Odor: Faint amine Freezing/Melting Pt.: ND **Spec Grav./Density:** >1 **Boiling Point:** ND % phosphorous: Zero% **Vapor Pressure:** ND **VOC Content:** Flash Point: $28 \, g/l$ None

Ph reaction: Approx. 11.0-11.5 as

made

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

8. Stability and reactivity

Explosive limits: Flash Point: See Sec 7

Upper: None **Conditions to avoid:** None known

Lower: None **Hazardous decomposition products:** None

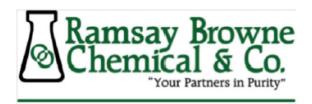
known

Chemical stability: Stable **Incompatibility:** Do not mix with other

cleaners to preserve high level of cleaning

effectiveness.

Hazardous polymerization: Cannot occur



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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)

HMIS-ratings (scale 0-4)

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

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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