

1. Product and Company Identification

Product Code: KRM4
Product Name: Miracle Cleaner
Company Name: Cole Supply #1488
531 Getty Court Suite A
Benicia, CA
Emergency Contact: infotrac account# 82847 (800)535-5053
Recommended Use: Multipurpose Cleaner
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 2



GHS Signal Word: **Warning**
GHS Hazard Phrases: Harmful if swallowed.
Causes mild skin irritation.
Causes serious eye irritation.
GHS Precaution Phrases: Wash hands thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, face protection.
GHS Response Phrases: If swallowed: Call a Poison Center or doctor if you feel unwell.
Rinse mouth.
If skin irritation occurs, get medical attention immediately.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, get medical attention immediately.
GHS Storage and Disposal Phrases: Dispose of contents and container according to the local, city, state and federal regulations.
Store in cool dry place at room temperature away from direct sunlight.
Potential Health Effects (Acute and Chronic):
Inhalation: May cause respiratory tract irritation.
Skin Contact: Prolonged and/or repeated contact may cause irritation and/or dermatitis.
Eye Contact: May cause burning of eyes and flow of tears. Avoid any eye contact.
Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
68439-57-6	Alpha Olefin sulfonate, sodium salt	Proprietary
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	Proprietary

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4. First Aid Measures

Emergency and First Aid

Procedures:

- In Case of Inhalation:** Remove person to fresh air and keep comfortable for breathing.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- In Case of Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.
- Note to Physician:** Treat symptomatically and supportively.

5. Fire Fighting Measures

- Flash Pt:** NP Method Used: Estimate
- Explosive Limits:** LEL: N.E. UEL: N.E.
- Autoignition Pt:** NP
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
- Flammable Properties and Hazards:** No data available.

6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. After removal, flush contaminated area thoroughly with water.

7. Handling and Storage

- Precautions To Be Taken in Handling:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.
- Precautions To Be Taken in Storing:** Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68439-57-6	Alpha Olefin sulfonate, sodium salt	No data.	No data.	No data.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No data.	No data.	No data.

- Respiratory Equipment (Specify Type):** No special requirements under normal use conditions.
- Eye Protection:** Safety glasses.
- Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.
- Other Protective Clothing:** Wear appropriate protective clothing to minimize contact with skin.
- Engineering Controls (Ventilation etc.):** No special ventilation requirements.

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9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Green color liquid with mint fragrance.
Melting Point: No data.
Boiling Point: > 212.00 F
Autoignition Pt: NP
Flash Pt: NP Method Used: Estimate
Explosive Limits: LEL: N.E. UEL: N.E.
Specific Gravity (Water = 1): 1.051
Density: 8.76 lbs/gal
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): NE
Evaporation Rate: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Viscosity: >=300 cps
pH: 9.0 - 10.5
Percent Volatile: No data.
VOC / Volume: 0.0000 G/L

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No specific conditions to avoid noted.
Incompatibility - Materials To Avoid: Cationic materials, strong oxidizers.
Hazardous Decomposition Or Byproducts: CO, CO2.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

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11. Toxicological Information

Toxicological Information: No data available.
CAS# 64-02-8:
Acute toxicity, LD50, Intraperitoneal, Mouse, 330.0 MG/KG.
Results:
Behavioral: Somnolence (general depressed activity).
Kidney, Ureter, Bladder:Hematuria.
Skin and Appendages: Other: Hair.
- Revue d'Epidemiologie, Medecine Sociale et Sante Publique., Masson Editeur, 120 Blvd. Saint-Germain, F-75280, Paris Cedex 06 France, Vol/p/yr: 10,391, 1962

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68439-57-6	Alpha Olefin sulfonate, sodium salt	n.a.	n.a.	n.a.	n.a.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

Results of PBT and vPvB assessment: No data available.
CAS# 64-02-8:
Not reported., Green Algae (Scenedesmus quadricauda), 11000. UG/L, Population, Water temperature: 27.00 C C, pH: 7.00.
Results:
No observed effect.
- Limiting Values for the Damaging Action of Water Pollutants to Bacteria (Pseudomonas putida) and Green Algae (Scenedesmus quadricauda) in the Cell Multiplication Inhibition Test, Bringmann, G., and R. Kuhn, 1977

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

15. Regulatory Information

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68439-57-6	Alpha Olefin sulfonate, sodium salt	CA PROP.65: No; CA TAC, Title 8: No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	CA PROP.65: No; CA TAC, Title 8: No

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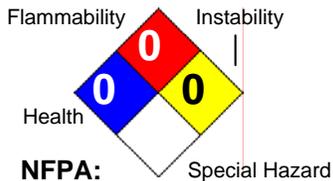
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16. Other Information

Hazard Rating System:

HEALTH	0
FLAMMABILITY	0
PHYSICAL	0
PPE	B

HMIS:



Revision Date:

03/17/2015

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.