

Kleen-Rite
SAFETY DATA SHEET

Section 8. Exposure Controls / Personal Protective Equipment (cont'd)

Engineering measures	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothes before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Personal protection	
Respiratory	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Hands	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Eyes	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible chemical splash goggles should be worn (unless the assessment indicates a higher degree of protection).
Skin	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9. Physical and Chemical Properties

Physical state	liquid (mobile, liquid)
Flash point (°F)	300 - 600
Appearance @ 70°F	liquid (mobile, liquid)
Boiling point (°F)	N/A
Specific Gravity	0.97
Vapor density	(air = 1) >1
Evaporation rate	(water = 1) <1
pH	7 to 8
Solubility in water	Soluble

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Section 10. Stability and Reactivity

Chemical Stability: Stable

Conditions to avoid None known

Incompatible materials None known

Hazardous decomposition products None known

Hazardous Polymerization Under normal conditons of stoage and use, hazardous reactions will not occur.

Section 11. Toxicological Information

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
No data provided at this time				

Chronic toxicity
Conclusion/Summary No data available at this time

Carcinogenicity
Conclusion/Summary No data available at this time

Mutagenicity
Conclusion/Summary No data available at this time

Teratogenicity
Conclusion/Summary No data available at this time

Reproductive toxicity
Conclusion/Summary No data available at this time

Section 12. Ecological Information

Ecotoxicity No data available at this time

Aquatic exotoxicity

Conclusion/Summary No data available at this time

Persistence/degradability

Conclusion/Summary Inorganic. Soluble silicates, upon dilution, rapidly depolymerise into molecular species indistinguishable from natural dissolved silica. They combine with ions like Ca, Mg, Fe, Al and others to end up as insoluble compounds similar to constituents of natural soils.

Section 13. Disposable Considerations

Water disposal The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any-by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Disposal of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and it container must be disposed of in a safe way. Care should be take when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: Handling and Storage and Section 8 Exposure Control/Personal Protection for additional handling information and protection of employees.

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Section 14. Transportation Information

Regulatory Information	UN Number	Proper shipping name	Classes	PG*	Label	Additional Information
DOT Classification	Not regulated					
IMDG Class	Not regulated					
IATA-DGR Class	Not regulated					

PG* Packing Group

Section 15. Regulatory Information

Not regulated

Section 16. Other Information

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