

Material Safety Data Sheet

Readiquat

1. Product and company identification

Product name	Readiquat	In case of emergency	1-800-843-6174
Code	733DN	Validation date	1/5/2011.
Material uses	Ready - to - use disinfectant cleaner	Print date	1/5/2011.
Manufacturer	Essential Industries, Inc. P.O. Box 12 Merton, WI 53056-0012 Phone: 262-538-1122	Responsible name	Regulatory Affairs Department

Hazardous Material Information System (U.S.A.)

Health	1	HAZARD RATING
Flammability	0	4 = Extreme
Physical hazards	0	3 = High
Personal protection	A	2 = Moderate
		1 = Slight
		0 = Insignificant

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

2. Hazards identification

Emergency overview	May be mildly irritating.
Potential acute health effects due to overexposure	
Inhalation	Mists and vapors may be mildly irritating to the throat and respiratory tract.
Ingestion	Harmful if swallowed.
Skin	May be mildly irritating. Very large exposure may be harmful.
Eyes	May cause eye irritation.
Potential chronic health effects due to overexposure	
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
See toxicological information (section 8)	

3. Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

Eye contact	Flush with a large amount of water for 15 minutes holding eyelids open. Get medical attention if irritation occurs.
Skin contact	Flush immediately with plenty of water. Get medical attention if irritation develops.
Inhalation	If breathing is affected, remove to fresh air. If irritation persists, get medical attention. If irritation persists, get medical attention.
Ingestion	Immediately drink one cupful of water or milk. Get medical attention.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training.
Notes to physician	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Flammability of the product	In a fire or if heated, a pressure increase will occur and the container may burst.
Extinguishing media	
Suitable	Use an extinguishing agent suitable for the surrounding fire.
Special exposure hazards	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Hazardous thermal decomposition products	No specific data.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Flash point	Closed cup: Not applicable

6. Control and preventive measures

Storage Keep container tightly closed in a cool, well-ventilated place. Keep from freezing.

Personal protection

Respiratory None required with adequate ventilation.

Hands No special requirements under normal use conditions.

Skin No special requirements under normal use conditions.

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.

Methods for cleaning up

Small spill Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

Waste disposal 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.

7. Physical and chemical properties

Physical state	Liquid	Boiling/condensation point	100°C (212°F)
Color	Blue	Melting/freezing point	0°C (32°F)
Odor	Fresh Floral	Vapor pressure	4 kPa (30 mm Hg)
VOC	0.02%	Vapor density	<1 [Air = 1]
pH	8.7 to 9.7	Weight per Gallon:	8.34 lbs./gal.
1% pH:	Not available	Specific Gravity:	1.00 gm/ml

8. Toxicological information

Acute toxicity

Conclusion/Summary Not available

Chronic toxicity

Conclusion/Summary Not available

9. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	Not regulated	-	-	-		-

PG* : Packing group