

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING	
Telephone numbers:	(517) 546-4520
Manufacturer/Supplier:	CHEM-TREND LP P.O. BOX 860 HOWELL, MI 48844-0860
Product Name:	WATERCLEAN

2. HAZARDS IDENTIFICATION	
Physical State:	Liquid
Appearance	Thick Liquid
Color:	Creamy White
Odor	Characteristic
Principle Routes of Exposure:	Skin, eyes, respiratory tract, gastrointestinal tract

3. COMPOSITION/INFORMATION ON INGREDIENTS		
Components	CAS-No.	Weight %
Aluminum oxide	1344-28-1	5 - 10%
Cleaner blend	-	15 - 25%
Water	7732-18-5	50 - 60%

4. FIRST AID MEASURES	
Skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Ingestion:	Do not induce vomiting without medical advice. Consult a physician if necessary.
Aggravated Medical Conditions:	No information available.
Notes to physician:	No information available.

WATERCLEAN

5. FIRE-FIGHTING MEASURES

Flash point:	None to boiling
Flame extension test, inches (aerosol products only):	Not applicable, no information available.
Suitable extinguishing media:	Product may burn under severe ignition conditions. Use foam, dry chemical, or carbon dioxide (CO ₂).
Unusual hazards:	None reasonably foreseeable.
Special protective equipment for fire-fighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Specific methods:	Standard procedure for chemical fires. Cool containers / tanks with spray water
Explosive properties:	No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up:	
Small spills:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.
Large spills:	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Handling:	
Technical measures/precautions	Ensure adequate ventilation.
Safe handling advice:	Handle in accordance with good industrial hygiene and safety practice. Normal measures for preventive fire protection Do not re-use empty containers for other materials.
Storage:	
Technical measures/storage conditions:	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible products:	Strong oxidizing agents.
Other precautions:	None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	CAS-No.	ACGIH TWA:	OSHA - TWA:	OSHA - Skin Notations	OSHA Z3 Mineral Dusts
Aluminum oxide	1344-28-1	-	15mg/m ³ TWA	-	-
Cleaner blend	-	-	-	-	-
Water	7732-18-5	-	-	-	-

Revision number
2



Distributed By
Freeman Manufacturing & Supply Co.
www.freemansupply.com 800-321-8511

Page 2 of 7

WATERCLEAN

Engineering measures: Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

- Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment.
- Hand protection:** Impervious gloves.
- Eye protection:** Tightly fitting safety goggles or safety glasses with side-shields
- Skin and body protection:** Lightweight protective clothing. Usual safety precautions while handling the product will provide adequate protection against this potential effect.

9. PHYSICAL AND CHEMICAL PROPERTIES

Initial boiling point: Approximately water.

Specific gravity: 1.05

Bulk density (lb/gal): 8.76

**Vapor pressure
(mm Hg, 20 °C (68 °F)):** Not determined.

**Vapor density
(Air = 1.0)** Not determined.

Evaporation rate: Not determined.

Volatiles content (%): 60 - 70 %

Water solubility: Miscible

pH of concentrate: Not determined.

Melting point range: Not applicable

Flash point: None to boiling

Flammability limits in air: Not applicable



WATERCLEAN

10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to avoid:	None known.
Materials to avoid:	Strong oxidizing agents
Hazardous decomposition products:	Carbon oxides.
Polymerization:	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information:

Components	CAS-No.	LD50 Oral	LD50 Dermal	LC50 Inhalation (Vapor)
Aluminum oxide	1344-28-1	5000 mg/kg (rat)	-	-
Cleaner blend	-	-	-	-
Water	7732-18-5	-	-	-

Acute effects

Product contains proprietary ingredients. Health hazards are listed below.

Skin contact:	May cause skin irritation
Eye contact:	May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness.. May cause eye burns.
Inhalation:	May cause irritation of respiratory tract
Ingestion:	Ingestion may cause gastrointestinal irritation
Sensitization:	No information available.
Other effects:	No information available.

Chronic effects

Carcinogenic effects:

Components	CAS-No.	NTP:	IARC:	OSHA:
Aluminum oxide	1344-28-1	No	No	No
Cleaner blend	-	No	No	No
Water	7732-18-5	No	No	No

Mutagenic effects:	No information available
Reproductive toxicity:	No information available
Target Organ Effects:	No information available.



WATERCLEAN

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

13. DISPOSAL CONSIDERATIONS

Method(s) of disposal: Dispose of in accordance with local, state, and federal regulations. This product does not fall under current EPA RCRA definitions of hazardous waste.

US EPA Waste number: None.

14. TRANSPORT INFORMATION

IMDG - Marine Pollutants This product does not contain marine pollutants as classified by the International Maritime Organization.

Emergency Response Guidebook (ERG) No: No information available

Mode of Transportation:	UN/NA ID No:	Proper shipping name:	Technical name	Hazard Class:		Packing group:
DOT - Non-Bulk	-	Not regulated	-	-		-
DOT - Bulk	-	Not regulated	-	-		-
Canadian TDG	-	Not regulated	-	-		-
ICAO/IATA	-	Not regulated	-	-		-
IMO/IMDG	-	Not regulated	-	-		-



WATERCLEAN

15. REGULATORY INFORMATION

Federal Regulations

OSHA Hazardous Chemical: Yes

SARA Title III

CERCLA/SARA (304) Hazardous Substances and RQs

Components	CAS-No.	Weight %	RQ
Aluminum oxide	1344-28-1	5 - 10%	-
Cleaner blend	-	15 - 25%	-
Water	7732-18-5	50 - 60%	-

SARA (302) Extremely Hazardous Substances and RQs

Components	CAS-No.	Weight %	TPQ
Aluminum oxide	1344-28-1	5 - 10%	-
Cleaner blend	-	15 - 25%	-
Water	7732-18-5	50 - 60%	-

SARA (311/312) Classification:

Acute health hazard: Yes

Chronic health hazard: No

Fire: No

Sudden Release of Pressure No

Reactive: No

SARA (313) Toxic Chemicals

Components	CAS-No.	Weight %	SARA (313) List
Aluminum oxide	1344-28-1	5 - 10%	X
Cleaner blend	-	15 - 25%	Not Listed
Water	7732-18-5	50 - 60%	Not Listed

Revision number

2



Distributed By
Freeman Manufacturing & Supply Co.
www.freemansupply.com 800-321-8511

Page 6 of 7

WATERCLEAN

International Inventories

Australia:	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
Canada:	This product complies with DSL
China:	This product complies with CLECS.
Europe:	This product complies with EINECS
Japan:	This product complies with ENCS/MITI.
Korea:	Listed on ECL.
New Zealand:	This product does not comply with NZIoC
Philippines:	This product complies with PICCS.
United States:	This product complies with TSCA.

16. OTHER INFORMATION

Hazardous Material Information System (USA):

Health: 1 Flammability: 0 Physical hazard: 0 Personal Protection code: B

National Fire Protection Association (USA):

Health: 1 Flammability: 0 Instability: 0 Special Hazards: None/Not available

All revisions are marked with one or more asterisks (*)

Prepared by: Karen M. Kuroda

Revision number: 2
Revision date: 06/05/2014
Review date: 06/05/2014
Print date: 06/05/2014

Disclaimer

Information presented herein has been compiled from information provided to us by our suppliers and other sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or the use of any product in violation of any patent or in violation of any law or regulation. It is the users' responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.

