



TERRANEW 1

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	2
	Health			2	Fire Hazard
Protective Clothing		Emergency Overview	White. Cream. See Section 9. WARNING: CAUSES EYE AND SKIN IRRITATION. HARMFUL IF SWALLOWED.	Reactivity	0

Section 1. Chemical Product and Company Identification			
Product Name	TERRANEW 1	Code	4098
Product Use	Industrial/Institutional: Floor care.	PMS#	434350
MSDS#	631830002	Validation Date	04/19/2000
U.S. Headquarters Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Canadian Headquarters Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Print Date	04/20/2000
		Supersedes	04/12/2000.
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Tartaric acid	87-69-4	1-5	Not available.	Not available.
Phosphoric Acid	7664-38-2	1-5	TWA: 1 STEL: 3 (mg/m ³) from OSHA (PEL) [United States] TWA: 1 STEL: 3 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 1530 mg/kg [Rat]. DERMAL (LD50): Acute: 2740 mg/kg [Rabbit].
Calcium chloride	10035-04-8	1-5	Not available.	ORAL (LD50): Acute: 1000 mg/kg [Rat]. 1940 mg/kg [Mouse]. DERMAL (LD50): Acute: >5000 mg/kg [Rabbit].
Triethanolamine	102-71-6	1-5	TWA: 5 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 4.8 mg/kg [Rat]. DERMAL (LD50): Acute: 22.484 mg/kg [Rabbit].
Magnesium fluorosilicate	18972-56-0	10-30	Not available.	ORAL (LD50): Acute: 200 mg/kg [Guinea pig].
Stearic Acid	57-11-4	7-13	TWA: 10 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: >5000 mg/kg [Rat]. DERMAL (LD50): Acute: >5000 mg/kg [Rabbit].
Aluminum Oxide	1344-28-1	30-60	TWA: 5 (mg/m ³) from OSHA (PEL) [United States] Respirable. TWA: 10 (mg/m ³) from ACGIH (TLV) [United States]	Not available.
Water	7732-18-5	10-30	Not available.	Not applicable.

Section 3. Hazards Identification	
Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
<i>Eyes</i>	May be severely irritating to eyes.
<i>Skin</i>	May be severely irritating to skin.
<i>Inhalation</i>	May be irritating to nose, throat, and respiratory tract.
<i>Ingestion</i>	May be irritating to mouth, throat and stomach. Harmful if swallowed.

Medical Conditions Persons with pre-existing skin disorders may be more susceptible to irritating effects.
Aggravated by Overexposure:

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Flush immediately with plenty of water for at least 15 minutes. Get medical attention.

Inhalation If breathing is difficult: Remove to fresh air. Get medical attention.

Ingestion Immediately drink plenty of water. Get medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product None known.

Flash Points Not available.

Products of Combustion None known.

Fire Fighting Media and Instructions Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.

Special Remarks on Fire and Explosion Hazards None known.

Section 6. Accidental Release Measures

Personal Precautions Put on appropriate personal protective equipment (see Section 8.).

Environmental Precautions and Clean-up Methods In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Section 7. Handling and Storage

Handling Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR INDUSTRIAL USE ONLY.

Storage Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls No special ventilation requirements. General room ventilation is adequate.

Personal Protection

Eyes Safety glasses with side shields.

Hands Chemical resistant gloves. Includes: Neoprene gloves.

Respiratory No special protective clothing is required.

Feet No special protective clothing is required.

Body If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance Solid. (Cream.)

Odor Mild.

Color White.

pH 2 to 2.5 [Acidic.]

Specific Gravity 1.35

Melting/Freezing Point 32°F (0°C)

Solubility in water Dispersible.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with oxidizing agents, alkalis. Slightly reactive to reactive with combustible materials, acids.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	ORAL (LD50) Estimated to be between 500 and 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information	No special precautions. Dispose of according to all federal, state and local regulations.
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Section 14. Transport Information

DOT Classification	Not regulated
TDG Classification	Not regulated

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Calcium chloride
SARA 313 toxic chemical notification and release reporting: Phosphoric Acid, Aluminum Oxide
Clean Water Act (CWA) 311: Phosphoric Acid
CERCLA: Hazardous substances.: Phosphoric Acid

State New Jersey spill list: Phosphoric Acid, Aluminum Oxide
New Jersey: Magnesium fluorosilicate, Phosphoric Acid, Aluminum Oxide
Massachusetts spill list: Phosphoric Acid
Massachusetts RTK: Phosphoric Acid, Aluminum Oxide, Triethanolamine
Pennsylvania RTK: Phosphoric Acid, Aluminum Oxide, Triethanolamine

This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information Not applicable.

Canadian Regulations

Canadian NPRI Canadian NPRI: Phosphoric Acid, Aluminum Oxide.

WHMIS Classification CLASS D-2B: Material causing other toxic effects (TOXIC).

WHMIS Icon



Registered Product Information Not applicable.

Chemical Inventory Status All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Other Special Considerations Not available.

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