

BREAK-UP SC

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity	Hazardous Material Information System (HMIS)	Health 3 Fire Hazard 0 Reactivity 0
Protective Clothing	Specific Hazard	Emergency Overview	Clear Amber. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.

Section 1: Chemical Product and Company Identification			
Product Name	BREAK-UP SC	Code	4375 & 4377 & 4496 & 4499
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.	PMS#	412329
MSDS#	114378001	Validation Date	3/21/2003
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	3/21/2003
		Supersedes	No Previous Validation
		In Case of Emergency	(800) 851-7145

Section 2: Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Potassium Hydroxide	1310-58-3	1-5	OSHA (United States). CEIL: 2 mg/m ³ ACGIH (United States). STEL: 2 mg/m ³	ORAL (LD50): Acute: 365 mg/kg (Rat). 273 mg/kg (Male, Rat).
Sodium silicate	1344-09-8	1-5	Not available.	Not available.
Tripotassium Salt of EDTA	17572-97-3	5-10	Not available.	Not available.
Tetrapotassium Pyrophosphate	7320-34-5	10-30	Not available.	DERMAL (LD50): Acute: >4640 mg/kg (Rabbit). Not available.
Water	7732-18-5	60-100	Not available.	Not available.

Section 3: Hazards Identification	
Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<p>Eyes Corrosive. May cause permanent damage including blindness.</p> <p>Skin Corrosive. May cause permanent damage.</p> <p>Inhalation May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p>Ingestion Corrosive. May cause burns to mouth, throat, and stomach.</p>
Medical Conditions	None known.
Aggravated by Overexposure:	
See Toxicological Information (section 11)	

Continued on Next Page

Section 4: First Aid Measures	
Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion	Do not induce vomiting! Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8.).
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

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 container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8: Exposure Controls/Personal Protection	
Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	<p>Eyes Chemical splash goggles.</p> <p>Hands Chemical resistant gloves. Includes: Neoprene gloves.</p> <p>Respiratory If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.</p> <p>Feet Protective footwear.</p> <p>Body If major exposure is possible, wear suitable protective clothing and footwear.</p>

Section 9: Physical and Chemical Properties	
Physical State and Appearance	Liquid.
Odor	Characteristic.
Color	Clear Amber.
pH	13 [Basic.]
Specific Gravity	1.25
Boiling/Condensation Point	100°C (212°F)
Viscosity	<10 cP (Dynamic).
Solubility in water	Complete.

Continued on Next Page

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, acids. Avoid mixing with: Non-ferrous metal.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.
Section 11. Toxicological Information	
Acute toxicity	Corrosive.
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.
Section 12. Ecological Information	
Not available.	
Section 13. Disposal Considerations	
Waste Information	Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations.
Section 14. Transport Information	
DOT Classification	
HOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Classification	
TDC Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	
Section 15. Regulatory Information	
Reporting in this section is based on ingredients disclosed in Section 2	
US Regulations	
Federal Clean Water Act (CWA) 311: Potassium hydroxide CERCLA: Hazardous substances.: Potassium hydroxide	
State: New Jersey spill list: Potassium hydroxide New Jersey: Potassium hydroxide Massachusetts spill list: Potassium hydroxide Massachusetts RTK: Potassium hydroxide Pennsylvania RTK: Potassium hydroxide	
This product is not subject to the reporting requirements under California's Proposition 65.	
Registered Product Not applicable. Information	
Canadian Regulations	
WHMIS Classification CLASS D-2B: Material causing other toxic effects (TOXIC). CLASS E: Corrosive liquid.	
WHMIS Icon	

Continued on Next Page

Registered Product Not applicable. Information	
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.
Version	1.1
Notice to Reader	
This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.	