




MATERIAL SAFETY DATA SHEET



Reclaim Kit A - #2 Break

HMIS		NFPA	Personal protective equipment		
Health	3	3			
Fire Hazard	0	0			
Reactivity	0	0			

Version Number: 1

Preparation date: 2005-02-08

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Reclaim Kit A - #2 Break  
**MSDS #:** F-00645001  
**Product code:** 3475301  
**Recommended use:** Industrial/Institutional. Laundry care.  
**Manufacturer, importer, supplier:**  
 US Headquarters: JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-0902  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.johnsondiversey.com  
 Canadian Headquarters: JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1  
 Phone: 1-800-668-3131  
**Emergency telephone number:** 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

DANGER. CORROSIVE. CAUSES SEVERE EYE, SKIN AND DIGESTIVE TRACT BURNS. HARMFUL OR FATAL IF SWALLOWED. Do not mix with any other product or chemical.

**Principle routes of exposure:** Eyes. Skin. Inhalation. Ingestion.  
**Skin contact:** Corrosive. May cause permanent damage.  
**Eye contact:** Corrosive. Causes permanent eye damage, including blindness.  
**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.  
**Ingestion:** Causes burns to mouth, throat and stomach.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**HAZARDOUS COMPONENTS**

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hydroxide	1310-73-2	40 - 50%	140 mg/kg (rat)	Not available	Not available
Sodium metasilicate	6834-92-0	30 - 40%	1153 mg/kg (rat)	Not available	Not available
Tetrasodium pyrophosphate	7722-86-5	10 - 20%	4 g/kg (rat)	Not available	Not available

**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 affected, remove to fresh air. Get medical attention immediately.  
**Ingestion:** Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.  
**Notes to physician:** Treat symptomatically.  
**Aggravated Medical Conditions:** No information available.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** The product is not flammable. Dry chemical, water spray, foam, carbon dioxide.  
**Specific hazards:** None known.  
**Unusual hazards:** Corrosive material (See sections 8 and 10).  
**Specific methods:** No special methods required.

**Autoignition temperature:** No information available.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Extinguishing media which must not be used for safety reasons:** None.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).  
**Environmental precautions and clean-up methods:** Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up .

## 7. HANDLING AND STORAGE

**Handling:**  
Avoid contact with skin, eyes and clothing. Do not taste or swallow. Do not breathe dust. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. 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 COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**  
Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**  
Respiratory protection is not required if good ventilation is maintained .

### Personal Protective Equipment

**Eye protection:** Goggles.  
**Hand protection:** Chemical resistant gloves.  
**Skin and body protection:** If major exposure is possible, wear suitable protective clothing and footwear.  
**Respiratory protection:** Do not breathe dust or spray mist. In case of insufficient ventilation wear suitable respiratory equipment.  
**Hygiene measures:** Avoid contact with skin, eyes and clothing . Handle in accordance with good industrial hygiene and safety practice .

Ingredient	CAS #	ACGIH	OSHA	Mexico
Sodium hydroxide	1310-73-2	2 mg/m <sup>3</sup> (Ceiling)	2 mg/m <sup>3</sup> (CEILING)	2 mg/m <sup>3</sup> (Ceiling)
Tetrasodium pyrophosphate	7722-88-5	5 mg/m <sup>3</sup> (TWA)	5 mg/m <sup>3</sup> (TWA)	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Solid	<b>Appearance:</b> Solid
<b>Color:</b> White	<b>Boiling point/range:</b> Not determined
<b>Odor:</b> Odorless	<b>Melting point/range:</b> No information available
<b>Specific gravity:</b> 1.060	<b>pH:</b> No information available
<b>Dilution pH:</b> 12.5 @ 1%	<b>Density:</b> 1.060
<b>Bulk density:</b> No information available	<b>Decomposition temperature:</b> Not determined
<b>Vapor density:</b> No information available	<b>Autoignition temperature:</b> No information available
<b>Evaporation rate:</b> No information available	<b>Solubility:</b> Soluble
<b>Solubility in other solvents:</b> No information available	<b>VOC:</b> 0.0%
<b>Viscosity:</b> No information available	<b>Flash point:</b> >200 (°F) >93.3 (°C)
<b>Partition coefficient (n-octanol/water):</b> No information available	

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions..  
**Polymerization:** Hazardous polymerisation does not occur.  
**Hazardous decomposition products:** None known .  
**Materials to avoid:** Acids.  
**Conditions to avoid:** Do not mix with any other product or chemical .

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral, LD50 estimated to be between 200 - 2000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg, Corrosive .  
**Component Information:** See Section 3  
**Chronic toxicity:** Not determined.  
**Specific effects**  
**Carcinogenic effects:** None known

**Mutagenic effects:** None known  
**Reproductive toxicity:** None known  
**Target organ effects:** None known

**12. ECOLOGICAL INFORMATION**

**Environmental Information:** When used for its intended purpose this product should not cause adverse effects in the environment

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:**  
 Undiluted product is regulated under environmental and transportation laws as a corrosive waste . Dispose of according to all federal, state and local applicable regulations .

**14. TRANSPORT INFORMATION**

**DOT/TDG:** Please refer to the Bill of Lading/receiving documents for up to date shipping information

**15. REGULATORY INFORMATION**

**International inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Australia (AICS), Korea (ECL), China (IECSC), Philippines (PICCS), Europe (EINECS/ELINCS/NLP).

**U.S. Regulations**

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

**STATE RIGHT TO KNOW**

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRKT:
Sodium hydroxide	1310-73-2	Listed	Listed	Listed	Listed	Listed	Listed
Water	7732-18-5	-	-	-	-	-	-
Sodium metasilicate	6834-92-0	-	-	-	-	-	-
Tetrasodium pyrophosphate	7722-88-5	Listed	Listed	Listed	Listed	-	-

**CERCLA / SARA**

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium hydroxide	1310-73-2	40 - 50%	1000		

**Canada**

WHMIS hazard class: E Corrosive material .



**16. OTHER INFORMATION**

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** None

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