

## MATERIAL SAFETY DATA SHEET

**Johnson wax**  
PROFESSIONAL

## NATRASOLVE GENERAL PURPOSE CLEANER/DEGREASER

HMIS		NFPA	Personal protective equipment
Health	3	3	
Fire Hazard	2	2	
Reactivity	0	0	

Version Number: 1

Preparation date: 2006-04-12

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** NATRASOLVE GENERAL PURPOSE CLEANER/DEGREASER

**MSDS #:** 114515001

**Product code:** 114515001, 114515X, 04529

**Recommended use:** Cleaning product. *110720*

**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
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**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 SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE LIQUID AND VAPOR.

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation.

**Eye contact:** Corrosive. Causes permanent eye damage, including blindness.

**Skin contact:** Corrosive. Causes permanent damage.

**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.

**Ingestion:** Corrosive. Causes burns to mouth, throat and stomach.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****HAZARDOUS COMPONENTS**

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Sodium metasilicate.	6834-92-0	1 - 5%	= 600 mg/kg	Not available .	Not available .
D-limonene.	5989-27-5	1 - 5%	= 4400 mg/kg	> 2000 mg/kg	Not available .

**4. FIRST AID MEASURES**

**Eye contact:** Immediately flush eyes with running water for at least 15-20 minutes, keeping eyelids open. Get medical attention immediately.

**Skin contact:** Flush immediately with plenty of water for at least 15-20 minutes. Get medical attention immediately.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention immediately.

**Ingestion:** If swallowed, give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

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

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

**Specific hazards:** Not applicable.

**Unusual hazards:** Corrosive material (See sections 8 and 10).

**Specific methods:** Use water spray to keep fire-exposed containers cool.

**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:** No information available.

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## 5. FIRE-FIGHTING MEASURES

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:  
Environmental precautions  
and clean-up methods:**

Use personal protective equipment.  
Clean-up methods - large spillage. Prevent product from entering drains. Soak up with inert absorbent material. 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. Avoid breathing vapors or mists. 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. **COMBUSTIBLE LIQUID AND VAPOR**. Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas. **FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**

**Storage:**

Protect from freezing. 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:**

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

**Personal Protective Equipment**

**Eye protection:**

Chemical splash goggles.

**Hand protection:**

Chemical resistant gloves.

**Skin and body protection:**

Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.

**Respiratory protection:**

In case of insufficient ventilation wear suitable respiratory equipment. 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.

**Hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**pH:** 12.5  
**Appearance:** Liquid  
**Color:** Clear Yellow  
**Odor:** Citrus  
**Specific gravity:** 1.00  
**Density:** 1.00  
**VOC:** 3  
**Flash point:** 124 (°F) 53 (°C)  
**Solubility:** Soluble

**Bulk density:** 8.82  
**Dilution pH:** No information available.  
**Vapor density:** No information available.  
**Evaporation Rate:** No information available.  
**Boiling point/range:** Not determined.  
**Melting point/range:** Not determined.  
**Decomposition temperature:** Not determined.  
**Autoignition temperature:** No information available.  
**Viscosity:** No information available.  
**Partition coefficient (n-octanol/water):** No information available.  
**Solubility in other solvents:** No information available.

Elemental Phosphorous: 0

## 10. STABILITY AND REACTIVITY

**Stability:**

The product is stable..

**Polymerization:**

Hazardous polymerization does not occur..

**Hazardous decomposition products:**

None reasonably foreseeable.

**Materials to avoid:**

Acids.

**Conditions to avoid:**

Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Corrosive Oral LD50 estimated to be greater than 5000 mg/kg

**Component information:**

See Section 3.

**Chronic toxicity:**

None known.

**Specific effects**

**Carcinogenic effects:**

None known.

**Mutagenic effects:**

None known.

**Reproductive toxicity:**

None known.

**Target organ effects:**

None known.

**12. ECOLOGICAL INFORMATION**

**Environmental Information:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:**  
 Dispose of according to all federal, state and local applicable regulations .  
**RCRA Hazard Class:** D001, D002

**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), 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(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water.	7732-18-5	-	-	-	-
Sodium metasilicate.	6834-92-0	-	-	-	-
Ethoxylated alkylphenol.	68412-54-4	-	-	-	-
Potassium salt of dibasic fatty acid.	68127-33-3	-	-	-	-
D-limonene.	5989-27-5	-	-	-	-

**CERCLA/ SARA**

**SARA 311/312 Hazard Categories**

**Immediate:** Y  
**Fire:** Y

**Canada**

**WHMIS hazard class:** B3 Combustible liquid , E Corrosive material .



Ingredient(s)	CAS #	NPRI
Ethoxylated alkylphenol.	68412-54-4	X
D-limonene.	5989-27-5	X

**16. OTHER INFORMATION**

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

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