

# MATERIAL SAFETY DATA SHEET

JohnsonDiversey  
Clean is just the beginning



**CLAX**

## IMPERIAL STARCH

HMIS		NFPA	Personal protective equipment
Health	1	1	<b>None Required</b>
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 1

Preparation date: 2005-12-05

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** IMPERIAL STARCH

**MSDS #:** F-02408.001

**Product code:** 3706711

**Recommended use:** 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

CAUTION. MAY BE MILDLY IRRITATING TO EYES. MAY BE MILDLY IRRITATING TO SKIN, MAY BE HARMFUL IF SWALLOWED.

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

**Eye contact:** May be mildly irritating to eyes.

**Skin contact:** May be mildly irritating to skin.

**Inhalation:** None

**Ingestion:** May be irritating to mouth, throat and stomach.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components:** None

### 4. FIRST AID MEASURES

**Eye contact:** Flush immediately with plenty of water. Get medical attention if irritation occurs.

**Skin contact:** Flush immediately with plenty of water. Get medical attention if irritation occurs.

**Inhalation:** No specific first aid measures are required.

**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:** None known.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, CO2, water spray or "alcohol" foam.

**Specific hazards:** Not applicable

**Unusual hazards:** None known

**Specific methods:** No special methods required

**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

## 6. ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment  
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 and eyes. Do not taste or swallow. 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:**

General room ventilation is adequate. No special ventilation requirements.

**Personal Protective Equipment**

**Eye protection:**

No special requirements under normal use conditions.

**Hand protection:**

No special requirements under normal use conditions.

**Skin and body protection:**

No special requirements under normal use conditions.

**Respiratory protection:**

No special requirements under normal use conditions.

**Hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Powder	<b>Bulk density:</b>	No information available
<b>pH:</b>	NA	<b>Dilution pH:</b>	No information available.
<b>Appearance:</b>	Powder	<b>Vapor density:</b>	No information available
<b>Color:</b>	Off-white	<b>Evaporation rate:</b>	No information available
<b>Odor:</b>	Perfume	<b>Boiling point/range:</b>	Not determined
<b>Specific gravity:</b>	0.481	<b>Melting point/range:</b>	Not determined
<b>Density:</b>	0.481	<b>Decomposition temperature:</b>	Not determined
<b>VOC:</b>	0	<b>Autoignition temperature:</b>	No information available
<b>Flash point:</b>	Not applicable	<b>Viscosity:</b>	No information available
<b>Solubility:</b>	Soluble	<b>Partition coefficient (n-octanol/water):</b>	No information available
		<b>Solubility in other solvents:</b>	No information available

Elemental Phosphorous: 0

## 10. STABILITY AND REACTIVITY

**Stability:**

The product is stable

**Polymerization:**

Hazardous polymerisation does not occur.

**Hazardous decomposition products:**

None reasonably foreseeable.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Oral LD50 Estimated to be between 2000 - 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:**

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

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:**

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), Japan (ENCS), Philippines (PICCS), China (IECSC).

**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:	ILRTK:	CTRTK:
Starch	56780-58-6	-	-	-	-	-	-

**CERCLA / SARA**

None

**Canada**

WHMIS hazard class: Non-controlled.

**16. OTHER INFORMATION**

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

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