

## MATERIAL SAFETY DATA SHEET

JohnsonDiversey  
Clean & Healthy Solutions

## PAN CLEAN

HMIS		NFPA		Personal protective equipment
Health	2	Health	2	None / Aucune / Ninguno
Fire Hazard	1	Flammability	1	
Reactivity	0	Instability	0	

Version Number: 1

Preparation date: 2009-12-21

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: PAN CLEAN

MSDS #: MS0300087

Product Code: 03836, 03838, 03839, 14839, 03837, 3315083

Recommended use: Hand dishwash. This product is intended to be diluted prior to use.

## Manufacturer, Importer, supplier:

US Headquarters  
JohnsonDiversey, Inc.  
8310 16th St.  
Sturtevant, Wisconsin 53177-1964  
Phone: 1-888-352-2249  
MSDS Internet Address:  
www.johnsondiversey.com

Canadian Headquarters  
JohnsonDiversey, Inc. - Canada, Inc.  
2401 Bristol Circle  
Oakville, Ontario L6H 6P1  
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

## 2. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW

CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN. COMBUSTIBLE LIQUID AND VAPOR.

## Principle routes of exposure:

Eye contact Skin contact Inhalation

## Eye contact:

Moderately irritating to the eyes

## Skin contact:

May be mildly irritating to skin

## Inhalation:

None known

## Ingestion:

May cause irritation to mouth, throat and stomach

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

## Hazardous Ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Diethanolamine	111-42-2	0.1 - 1.5%	710	≈7640 µL/kg	Not available
Ethyl alcohol	64-17-5	1 - 5%	7060	Not available	Not available

## 4. FIRST AID MEASURES

## Eye contact:

Flush immediately with plenty of water. If irritation persists, get medical attention.

## Skin contact:

Flush immediately with plenty of water. If irritation develops, get medical attention.

## Inhalation:

No specific first aid measures are required.

## Ingestion:

If swallowed, give a cupful of water or milk.

## Aggravated Medical Conditions:

None known

## 5. FIRE-FIGHTING MEASURES

## Suitable extinguishing media:

Use dry chemical, CO2, water spray or "alcohol" foam.

**Specific hazards:** Although this product has a flash point below 200 Deg. F, it is an aqueous solution containing an alcohol and does not sustain combustion.  
**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:** No special measures required.  
**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Eliminate all ignition sources. 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. Wash thoroughly after handling. 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. Store in a cool, dry, well ventilated area away from heat or open flame. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**  
No special ventilation requirements. General room ventilation is adequate.

### 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.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Diethanolamine	111-42-2	2 mg/m <sup>3</sup> (TWA)		
Ethyl alcohol	64-17-5	1000 ppm (TWA)	1900 mg/m <sup>3</sup> (TWA) 1000 ppm (TWA)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Appearance:** Liquid  
**Vapor density:** No information available  
**Color:** Clear Dark Blue  
**Boiling point/range:** Not determined  
**Autoignition temperature:** No information available  
**Density:** 8.846 lbs/gal  
**Partition coefficient (n-octanol/water):** No information available  
**Solubility in other solvents:** No information available  
**Elemental Phosphorus:** 0 % by wt.  
**pH:** 6.5  
**Dilution pH:** 7.5 @ 1:256

**Bulk density:** No information available  
**Evaporation Rate:** No information available  
**Specific gravity:** 1.06  
**Odor:** Floral Woody  
**Melting point/range:** Not determined  
**Decomposition temperature:** Not determined  
**Flash point:** 135 °F 57.2 °C  
**Solubility:** Completely Soluble  
**Viscosity:** No information available  
**VOC:** 3.5 % \*

**Explosion limits:** - upper: Not determined - lower: Not determined

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerization does not occur.

**Hazardous decomposition products:** None reasonably foreseeable.  
**Materials to avoid:** Oxidising agents.  
**Conditions to avoid:** Strong sunlight for prolonged periods.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be greater than 5000 mg/kg Dermal LD50 estimated to be > 2000 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

### Hazardous Ingredients

Ingredient(s)	CAS #	NTP	IARC	OSHA
Diethanolamine	111-42-2		3	
Ethyl alcohol	64-17-5	X		X

## 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

## 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/NDL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Japan (ENCS), New Zealand (NZIoC).

### U.S. Regulations

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

### RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Diethanolamine	111-42-2	X	X	X	X
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	X
Water	7732-18-5	-	-	-	-
Sodium lauryl ether sulfate	9004-82-4	-	-	-	-

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethanolamine	111-42-2	0.1 - 1.5%	100		X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethanolamine	X		

### SARA 311/312 Hazard Categories

**Immediate:** X

PAN CLEAN

Delayed: -  
Fire: X  
Reactivity: -  
Sudden Release of Pressure: -

Canada



WHMIS hazard class: D2B Toxic materials, B3 Combustible liquid .

#### 16. OTHER INFORMATION

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

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