## **MATERIAL SAFETY DATA SHEET**



## **PF 300**

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

Version Number: 2 Preparation date: 2004-09-28

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: PF 300

MSDS #: 32614500053

**Product code:** 11060040, 11060150, 11060470, 32614500053

Recommended use: Disinfectant.

Manufacturer, importer, supplier:

US Headquarters Canadian Headquarters
JohnsonDiversey, Inc. JohnsonDiversey - Canada, Inc.

8310 16th St. 2401 Bristol Circle
Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1
Phone: 1-888-352-2249 Phone: 1-800-668-3131

MSDS Internet Address: www.johnsondiversey.com

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. HARMFUL IF SWALLOWED OR INHALED. CAUSES SKIN IRRITATION. Prolonged or repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and symptoms in sensitive individuals.

**Principle routes of exposure:** Eyes. Skin. Inhalation.

**Skin contact:** Corrosive. May cause permanent damage. Prolonged or repeated skin contact may cause allergic

reactions in some individuals .

**Eye contact:** Corrosive. Causes irreversible eye damage .

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Causes asthmatic signs and

symptoms in sensitive individuals.

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

## **HAZARDOUS COMPONENTS**

Ingredient	CAS#	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl alcohol	64-17-5	0.1 - 1.5%	7060 mg/kg (rat)	Not available	20 g/kg/10H (rat)
Glutaraldehyde	111-30-8	10 - 20%	134 mg/kg (rat)	.56 mL/kg (rabbit)	480 mg/m <sup>3</sup> (rat)

## 4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for 15-30 minutes .

Skin contact: Immediately flush skin with running water for 15-30 minutes . Remove and wash contaminated clothing

and footwear before re-use.

**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.

Aggravated Medical Conditions: Persons with pre-existing respiratory conditions should be particularly careful about possible respiratory

effects, Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema,

etc., may be more susceptible to irritating effects .

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## 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**

Put on appropriate personal protective equipment (see Section 8.). Personal precautions:

**Environmental precautions** Prevent product from entering drains. Soak up with inert absorbent material. Sweep up and shovel into and clean-up methods:

suitable containers for disposal. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

#### Handling:

Access to treated areas should be prohibited without the use of suitable PPE for a minimum period of 4 hours after spraying. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Wear natural rubber, nitrile, or butyl gloves, a disposable, chemical resistant full-bodysuit, rubber boots, and a full face respirator fitted with a combination cartridge filter comprising a P3SL particle filter and an A2 organic vapor filter or equivalent . FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Engineering measures to reduce exposure:

None known.

**Personal Protective Equipment** 

Eye protection: Chemical splash goggles.

Chemical resistant gloves. Includes. rubber gloves. Hand protection: Skin and body protection: Disposable one-piece overall with integral hood.

Wear a full face respirator fitted with a combination cartridge filter comprising a P3SL particle filter and an Respiratory protection:

A2 organic vapor filter or equivalent.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient	CAS#	ACGIH	OSHA	Mexico
Ethyl alcohol	64-17-5	1000 ppm (TWA)	1900 mg/m <sup>3</sup> 1000 ppm (TWA)	1900 mg/m³ (TWA)
Glutaraldehyde	111-30-8	0.05 ppm (Ceiling)	0.8 mg/m³ 0.2 ppm (CEILING)	0.7 mg/m³ (Ceiling)

Density:

1.02 g/ml

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid Appearance: Liquid

Boiling point/range: >200 (°F)>100 (°C) Color: Colourless Melting point/range: Not determined Odor: Slight Specific gravity: 1.02 g/cc pH: 4.05

Dilution pH: 7

**Bulk density:** No information available Decomposition temperature: Not determined Autoignition temperature: Vapor density: No information available No information available

**Evaporation rate:** No information available Solubility: Soluble No information available VOC: 12.84%

Solubility in other solvents:

Viscosity: No information available Flash point: >200 (°F) >100 (°C)

Partition coefficient (n-octanol/water): No information available

# 10. STABILITY AND REACTIVITY

Stability: The product is stable

Polymerization: Hazardous polymerisation does not occur

Hazardous decomposition products: None reasonably foreseeable

Materials to avoid: Strong bases. Strong oxidising agents.

Conditions to avoid: Do not freeze.

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be between 200 - 2000 mg/kg.

Component Information: See Section 3

Chronic toxicity: Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of

susceptible persons.. Causes asthmatic signs and symptoms in sensitive individuals .

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

RCRA Hazard Class: 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), 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

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Ingredient	CAS#	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Ethyl alcohol	64-17-5	Listed	Listed	Listed	Listed	Listed	Listed
Didecyl dimethyl ammonium chloride	7173-51-5	-	-	-	ı	ı	Ī
Glutaraldehyde	111-30-8	Listed	Listed	Listed	Listed	Listed	-

## **CERCLA / SARA**

Ingredient	CAS#	Weight %	RQ	Section 302/TPQs	Section 313
Ethyl alcohol	64-17-5	0.1 - 1.5%	100 LBS		

## Canada

WHMIS hazard class: E Corrosive material .



**DIN No.**: 02248634

## **16. OTHER INFORMATION**

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

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