

CG1164

MATERIAL SAFETY DATA SHEET

JohnsonDiversey

Cleaning just the beginning



PAN CLEAN

HMIS		NFPA	Personal protective equipment
Health	2	2	None / Aqueous / N/A
Fire Hazard	1	1	
Reactivity	0	0	

Version Number: 1

Preparation date: 2008-06-09

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: PAN CLEAN
 MSDS #: MS0300087
 Product Code: 03836, 03838, 03839, 14839, 03837
 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 - 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 (intl)

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
Sodium xylene sulfonate	1300-72-7	1 - 5%	7200	Not available	Not available
Sodium lauryl ether sulfate	9004-82-4	5 - 10%	1600	Not available	Not available
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 fire fighters: 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:

No special measures required.
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 ³ (TWA)		
Ethyl alcohol	64-17-5	1000 ppm (TWA)	1900 mg/m ³ (TWA) 1000 ppm (TWA)	1000 ppm (TWA) 1900 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Bulk density:	No information available
pH:	6.5	Dilution pH:	7.5 @ 1:256
Appearance:	Liquid	Vapor density:	No information available
Color:	Clear Dark Blue	Evaporation Rate	No information available
Odor:	Floral Woody	Boiling point/range:	Not determined
Specific gravity:	1.06	Melting point/range:	Not determined
Density:	8.846 lbs/gal	Decomposition temperature:	Not determined
VOC:	3.5% *	Autoignition temperature:	No information available
Flash point:	135°F 57.2°C	Partition coefficient (n-octanol/water):	No information available
Solubility:	Completely Soluble	Solubility in other solvents:	No information available
Viscosity:	No information available	Elemental Phosphorus:	0% by wt.

Explosion limits: - lower: Not determined- upper: 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	

11. TOXICOLOGICAL INFORMATION

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/NDSL), Europe (EINECS/ELINCS/NLP), Australia (ACS), 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

STATE RIGHT TO KNOW

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

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

Canada

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

Ingredient(s)	CAS #	NPRI
Ethyl alcohol	64-17-5	X

16. OTHER INFORMATION

Reason for revision:

Not applicable

Prepared by:

NAFRAC

Additional advice:

None

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