



# Neutral Detergent Concentrate

## CLASSIFICATION

- Cleaner Concentrate

## PRODUCT DESCRIPTION

- **Neutral Detergent Concentrate** is a concentrated neutral pH detergent for use in automated cart washing equipment.
- **Neutral Detergent Concentrate** aids in the removal of moderate soil contamination from carts and accessories.
- **Neutral Detergent Concentrate** contains a combination of surfactants, builders and chelating agents for good wetting ability and detergent penetration.
- **Neutral Detergent Concentrate** is not for use as a medical device sterilant or high level disinfectant.

## FEATURES AND BENEFITS

FEATURE	BENEFIT
Contains chelating agents	Hard water tolerant
Contains surfactants	Optimal wetting action and detergency
Neutral pH	Safe for use on all instruments
Low foaming	Effective for use in all automated washers

## DIRECTIONS FOR USE

### Uses

- Neutral Detergent Concentrate is suitable for cleaning carts, trays and accessories.
- Solution is safe to use on stainless steel, aluminum, zinc, rubber, latex and non porous metals.

### Precautionary Statements

- **FOR INDUSTRIAL USE ONLY.**
- **KEEP OUT OF REACH OF CHILDREN.**
- **CAUTION: MAY CAUSE EYE IRRITATION.**
- Wash thoroughly after handling

### Directions

- Add 1/8 - 1/6 oz per gallon of water or add 1–1.7 mL per liter of water. Dilutions vary depending upon temperature, soil load and water quality.

## SPECIFICATIONS

Contains	Proprietary, NJ0509135920810 Formula ingredients contain not more than 3.0% phosphorus, 0.1 g per gallon of average recommended use concentration.
Physical state	Liquid
Flash point	>100° C (>212° F)
Color	Blue [Dark]
Odor	Floral
pH	8.9 [Conc. (% w/w): 100%] (Use dilution: 8.4 to 8.9)
Solubility	Easily soluble in the following materials: cold water and hot water.
Product Shelf Life	2 years from date of manufacture

**ENVIRONMENT & DISPOSAL**

- ▲▲ **Hazard Rating:** Health – 1 Flammability – 0 Physical Hazards – 0
- ▲▲ **WHMIS Canada:** Product as Sold / Product at use dilution: Not hazardous by WHMIS criteria.
- ▲▲ **Canada Inventory:** Not determined.
- ▲▲ This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.
- ▲▲ **HCS USA:** Not regulated.
- ▲▲ **U.S. Federal Regulations:**
- ▲▲ **TSCA 8 (b) Inventory:** Not determined.
- ▲▲ **SARA 302/304/311/312 extremely hazardous substances:** No listed substance.
- ▲▲ **SARA 302/304 emergency planning and notification:** No listed substance.
- ▲▲ **SARA 313 Form R – report requirements:** No listed substance
- ▲▲ **California Prop 65:** No listed substance.
- ▲▲ **Waste Disposal – Product at Use Dilution - Canada & USA:** Diluted product can be flushed to sanitary sewer. Discard empty container trash.

**STABILITY & HANDLING & STORAGE**

- ▲▲ **Product As Sold:**
- ▲▲ **Stability:** The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
- ▲▲ **Hazardous Decomposition**
- ▲▲ **Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- ▲▲ **Hazardous Polymerization:** Under normal conditions of storage and use, hazardous polymerization will not occur.
- ▲▲ **Handling:** Avoid contact with eyes. Wash thoroughly after handling.
- ▲▲ **Storage:** Keep out of reach of children. Store in a closed container.

**FIRST AID MEASURES**

- ▲▲ **Eye Contact:** Rinse with water for a few minutes.
- ▲▲ **Skin Contact:** Rinse with water for a few minutes.
- ▲▲ **Inhalation:** No special measures required. Treat symptomatically.
- ▲▲ **Ingestion:** Get medical attention if symptoms occur.

▲▲ **READ MATERIAL SAFETY DATA SHEET BEFORE USING PRODUCT.**

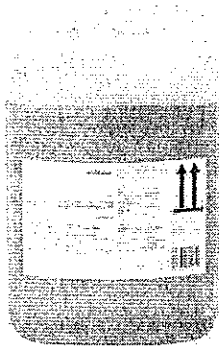
▲▲ **EMERGENCY HEALTH INFORMATION call:** 1-800-328-0026.

▲▲ If located outside the United States and Canada, call collect, 1-651-222-5352 (number is in the US).

**TRANSPORTATION INFORMATION**

	UN number	Proper Name	Shipping	Class	Packaging Group	Additional Information
DOT/IMO/IMDG Classification	Not Regulated.	-	-	-	-	-

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes. See shipping documents for specific transportation information.



**PACKAGING & PRODUCT NUMBERS**

Size Available	Product Number
2 x 9.5 L (2.5 US Gal)	6044925 (Sold in both USA & Canada)

Document can be made available in French, upon request

**Worldwide Headquarters**  
370 Wabasha Street N St. Paul, MN 55102  
www.ecolab.com 1.866.781.8787

**Regional Office**  
5105 Tomken Road Mississauga, Ontario L4W 2X5  
Canada 1.800.352.5326



# Material Safety Data Sheet

NEUTRAL DETERGENT CONCENTRATE



## 1. Product and company identification

Trade name of product : NEUTRAL DETERGENT CONCENTRATE

Product use : Instrument cleaner

Product dilution information : Up to 1/5 oz/gal or 1.7 mL/L in water

Supplier's information : Ecolab Healthcare Division  
370 Wabasha Street N  
St. Paul MN 55102  
5105 Tomken Road  
Mississauga ON L4W 2X5  
1-866-781-8787

Code : 913592-01

Date of issue : 06-December-2010

EMERGENCY HEALTH INFORMATION: 1-800-328-0026  
Outside United States and Canada CALL 1-651-222-5352 (in USA)

## 2. Hazards identification

Physical state : Liquid.  
Emergency overview : CAUTION !  
MAY CAUSE EYE IRRITATION.  
Avoid contact with eyes. Wash thoroughly after handling.

Routes of entry : Skin contact, Eye contact, Inhalation, Ingestion

### Potential acute health effects

Eyes : Slightly irritating to the eyes.  
Skin : Slightly irritating to the skin.  
Inhalation : No known significant effects or critical hazards.  
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

### Product AT USE DILUTION

Liquid.  
CAUTION !

No specific hazard.

No specific hazard.

### Product AT USE DILUTION

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

## 3. Composition/information on ingredients

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

## 4. First-aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: Rinse with water for a few minutes.	No known effect after eye contact. Rinse with water for a few minutes.
Skin contact	: Rinse with water for a few minutes.	No known effect after skin contact. Rinse with water for a few minutes.
Inhalation	: No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
Ingestion	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.

## 5. Fire-fighting measures

### Product AS SOLD

Auto-ignition temperature	: Not available.
Flammable limits	: Not available.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
Special remarks on fire hazards	: Not available.
Special remarks on explosion hazards	: Not available.
Fire-fighting media and instructions	: Use an extinguishing agent suitable for the surrounding fire.  Dyke area of fire to prevent runoff. In a fire or if heated, a pressure increase will occur and the container may burst.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
Personal precautions	: Use personal protective equipment as required.	Use personal protective equipment as required.
Environmental precautions	: Avoid contact of large amounts of spilt material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilt material and runoff with soil and surface waterways.
Methods for cleaning up	: Use a water rinse for final clean-up.	Use a water rinse for final clean-up.

## 7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
Handling	: Avoid contact with eyes. Wash thoroughly after handling.	Wash thoroughly after handling.
Storage	: Keep out of reach of children. Store in a closed container.	Keep out of reach of children.

## 8. Exposure controls/personal protection

**Engineering measures** : **Product AS SOLD**  
: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Personal protection

**Eyes** : No protective equipment is needed under normal use conditions.  
**Hands** : No protective equipment is needed under normal use conditions.  
**Skin** : No protective equipment is needed under normal use conditions.  
**Respiratory** : No special protection is required.

**Product AT USE DILUTION**  
Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

No protective equipment is needed under normal use conditions.  
No protective equipment is needed under normal use conditions.  
No protective equipment is needed under normal use conditions.  
No special protection is required.

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			Notations
Ingredient	List name	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	
No exposure limit value known.											

Consult local authorities for acceptable exposure limits.

## 9. Physical and chemical properties

**Physical state** : **Product AS SOLD**  
: Liquid.  
**Flash point** : > 100°C  
**Colour** : Blue. [Dark]  
**Odour** : Floral.  
**pH** : 8.9 [Conc. (% w/w): 100%]  
**Boiling/condensation point** : >100°C (>212°F)  
**Melting/freezing point** : Not available.  
**Relative density** : Not available.  
**Vapour pressure** : Not available.  
**Vapour density** : Not available.  
**Odour threshold** : Not available.  
**Evaporation rate** : Not available.  
**Viscosity** : Not available.  
**Dispersibility properties** : Not available.  
**Solubility** : Easily soluble in the following materials: cold water and hot water.  
**LogK<sub>ow</sub>** : Not available.

**Product AT USE DILUTION**  
Liquid.  
> 100°C  
Colourless.  
Odourless.  
8.4 to 8.9

## 10. Stability and reactivity

**Product AS SOLD**  
**Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.  
**Conditions of instability** : Not available.  
**Reactivity** : Not available.  
**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 10. Stability and reactivity

**Hazardous polymerisation** : Under normal conditions of storage and use, hazardous polymerisation will not occur.

## 11. Toxicological information

### Potential acute health effects

**Product AS SOLD**

**Eyes** : Slightly irritating to the eyes.

**Skin** : Slightly irritating to the skin.

**Inhalation** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

### Product AT USE DILUTION

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

### Product AS SOLD

### Potential chronic health effects

**Carcinogenic effects** : No known significant effects or critical hazards.

**Mutagenic effects** : No known significant effects or critical hazards.

**Teratogenic effects** : No known significant effects or critical hazards.

**Reproductive effects** : No known significant effects or critical hazards.

**Sensitization to Product** : No known significant effects or critical hazards.

**Synergistic products (toxicologically)** : Not available.

### Toxicity data

Product/ingredient name	Test	Route	Result	Species
Not available.				

### Other adverse effects

**Target organs** : Not available.

## 12. Ecological information

**Ecotoxicity** : Not reported

## 13. Disposal considerations

**Product AS SOLD**

**Waste disposal** : Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

### Product AT USE DILUTION

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

## 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

### Product AS SOLD

**TDG Classification** : Not available.

**TDG Classification** : Not available.

**Proper shipping name** : Not available.

**Class** : Not available.

**Packing group** : -

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

## 14. Transport information

**Product AT USE DILUTION**  
Not intended for transport.

## 15. Regulatory information

### Product AS SOLD

WHMIS

: Not hazardous by WHMIS criteria.

### Product AT USE DILUTION

Not hazardous by WHMIS criteria.

Canada inventory : At least one component is not listed in DSL but all such components are listed in NDSL.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

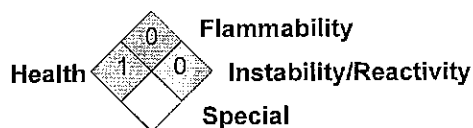
## 16. Other information

### Product AS SOLD

Hazardous Material  
Information System (U.S.A.) :

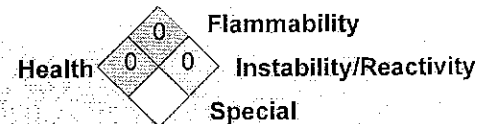
Flammability	1
Health	0
Reactivity	0
Special	

National Fire Protection  
Association (U.S.A.) :



### Product AT USE DILUTION

Flammability	0
Health	0
Reactivity	0
Special	



Date of issue : 06-December-2010

Responsible name : Regulatory Affairs  
1-800-352-5326

☑ Indicates information that has changed from previously issued version.

### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.