# Material Safety Data Sheet



ORANGE FORCE Use Solution (4 - 16 oz/gal)

## Section 1. Chemical product and company identification

Trade name ORANGE FORCE Use Solution (4 - 16 oz/gal)

Product use : All Purpose Cleaner

Supplier : Ecolab Inc. Institutional Division

> 370 N. Wabasha Street St. Paul, MN 55102 1-800-352-5326

Code : ut905215-04

Date of issue 03-November-2007

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

## Section 2. Composition, information on ingredients

To the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, according to local regulations.

#### Section 3. Hazards identification

Physical state : Liquid. [Liquid.] **Emergency** : CAUTION!

overview No specific hazard.

No specific hazard.

#### Potential acute health effects

**Eyes** : No known significant effects or critical hazards. Skin : No known significant effects or critical hazards. : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Ingestion

See toxicological information (section 11)

### Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and

flush again. Get medical attention if irritation occurs.

: In case of contact, immediately flush skin with plenty of water. Wash clothing before reuse. Skin contact

: If inhaled, remove to fresh air. Inhalation

: Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation Ingestion

persists, get medical attention.

### Section 5. Fire fighting measures

Flash point : > 100°C

**Hazardous thermal** decomposition products

: No specific data.

Fire-fighting media and

: Use an extinguishing agent suitable for the surrounding fire.

instructions

Dike liquid for later disposal.

In a fire or if heated, a pressure increase will occur and the container may burst.

for fire-fighters

Special protective equipment : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure

mode.

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#### Section 6. Accidental release measures

#### Personal precautions

: Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Do not allow to enter drains or watercourses.

#### **Environmental** precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods for cleaning up

: For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

# Section 7. Handling and storage

Handling : Wash thoroughly after handling.

Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-Storage

ventilated area.

### Section 8. Exposure controls/personal protection

: Good general ventilation should be sufficient to control worker exposure to airborne Engineering measures

contaminants.

#### Personal protection:

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

Consult local authorities for acceptable exposure limits.

# Section 9. Physical and chemical properties

: Liquid. [Liquid.] Physical state

Color : Orange. Odor citrus : 7.34 to 7.43 На

1 Relative density

# Section 10. Stability and reactivity

Stability The product is stable. Under normal conditions of storage and use, hazardous

polymerization will not occur.

products

Hazardous decomposition: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

## Section 11. Toxicological information

#### Potential acute health effects

: No known significant effects or critical hazards. **Eyes** Skin : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards.

## Section 12. Ecological information

# Section 13. Disposal considerations

Waste disposal

: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

### Section 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.

#### **UN Classification**

UN number Not intended for

transport.

Proper shipping name

Not available.

Class

Not available.

Packing group -

See shipping documents for specific transportation information.

### Section 15. Regulatory information

HCS Classification : Not regulated.

**U.S. Federal regulations** : SARA 302/304/311/312 extremely hazardous substances: No products were

found.

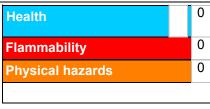
SARA 302/304 emergency planning and notification: No products were found.

**TSCA 8(b) inventory** : All components are listed or exempted.

California Prop. 65 : No products were found.

### Section 16. Other information

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



Date of issue : 03-November-2007.
Responsible name : Regulatory Affairs
Date of previous issue : 01-November-2007.

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.