

# Material Safety Data Sheet

OASIS 137 ORANGE FORCE



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25 July 2011

## 1. Product and company identification

Trade name of product : OASIS 137 ORANGE FORCE  
Product use : All Purpose Cleaner

Product dilution information : Up to 16 oz/gal or 125 mL/L in water

Supplier's information : Ecolab Inc. Institutional Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-352-5326

Code : 905215

Date of issue : 25-July-2011

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

## 2. Hazards identification

**Product AS SOLD**  
Physical state : Liquid.  
Emergency overview : CAUTION !  
  
MAY CAUSE EYE IRRITATION.  
MAY CAUSE ALLERGIC SKIN REACTION.  
Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wash thoroughly after handling.

### Potential acute health effects

**Product AS SOLD**  
Eyes : Moderately irritating to eyes.  
Skin : Slightly irritating to the skin. May cause sensitization by skin contact.  
Inhalation : Slightly irritating to the respiratory system.  
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

## 3. Composition/information on ingredients

### Product AS SOLD

Name	CAS number	% by weight
SODIUM DODECYLBENZENESULFONATE	25155-30-0	5
TEA-DODECYLBENZENESULFONATE	27323-41-7	4
Proprietary	NJ	1 - 5
	0109052150504	
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c10-16-alkyl ethers, sodium salts	68585-34-2	1 - 5
Limonene	5989-27-5	1 - 5

## 3. Composition/information on ingredients

Product AT USE DILUTION

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	: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.	No known effect after eye contact. Rinse with water for a few minutes.
Skin contact	: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.	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**  
Hazardous thermal decomposition products : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
sulfur oxides  
halogenated compounds  
metal oxide/oxides

Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.  
Dike 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 spilled material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilled 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**  
**Handling** : Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.  
**Storage** : Keep out of reach of children. Store in a closed container.  
 Do not store below the following temperature: 0°C

**Product AT USE DILUTION**  
 Wash thoroughly after handling.  
 Keep out of reach of children.

**11. Toxicological information****Potential acute health effects**

**Product AS SOLD**  
**Eyes** : Moderately irritating to eyes.  
**Skin** : Slightly irritating to the skin. May cause sensitization by skin contact.  
**Inhalation** : Slightly irritating to the respiratory system.  
**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.

**8. Exposure controls/personal protection**

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

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

**Personal protection**

**Eyes** : Eye protection should be used when splashing may occur.  
**Hands** : Use chemical-resistant, impervious gloves.  
**Skin** : Use suitable protective equipment.  
**Respiratory** : No special protection is required.

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.

**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.

Ingredient	Exposure limits
Limonene	AIHA WEEL (United States, 1/2007). TWA: 30 ppm 8 hour(s).

**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**  
**DOT Classification** : Not regulated.

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

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

**9. Physical and chemical properties**

**Product AS SOLD**  
**Physical state** : Liquid.  
**Flash point** : > 100°C  
**Color** : Orange [Dark]  
**Odor** : citrus  
**pH** : 7.2 to 9 [Conc. (% w/w): 100%]  
**Relative density** : 1.006 to 1.036

**Product AT USE DILUTION**  
 Liquid.  
 > 100°C  
 Product does not support combustion.  
 Orange [Light]  
 citrus [Slight]  
 8 to 8.5

**10. Stability and reactivity****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.

**15. Regulatory information**

**Product AS SOLD**  
**HCS Classification** : Irritating material  
 Sensitizing material

**Product AT USE DILUTION**  
 Not regulated.

**Product AS SOLD****U.S. Federal regulations**

**TSCA 8(b) inventory** : All components are listed or exempted.  
**SARA 302/304/311/312 extremely hazardous substances**: No listed substance  
**SARA 302/304 emergency planning and notification**: No listed substance

<u>SARA 313</u>	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
Form R - Reporting requirements			

**California Prop. 65** : No listed substance

**16. Other information**

**Product AS SOLD**

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

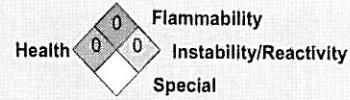
Health	1
Flammability	0
Physical hazards	0

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



**Product AT USE DILUTION**

Health	0
Flammability	0
Physical hazards	0



Date of issue : 25-July-2011  
 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.