

# Material Safety Data Sheet

ENDUST



## 1. Product and company identification

Trade name of product : ENDUST  
Product use : Furniture Cleaner - Care Product

Product dilution information : Not applicable

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

Code : 907261

Date of issue : 26-November-2012

**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 : Aerosol  
Emergency overview : WARNING!

FLAMMABLE AEROSOLS.  
MAY CAUSE EYE IRRITATION.  
MAY CAUSE ALLERGIC SKIN REACTION.  
CONTENTS UNDER PRESSURE.  
Can cause central nervous system (CNS) depression.  
Intentional misuse by deliberate inhalation may be harmful or fatal.

Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. Keep away from heat and direct sunlight. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep container tightly closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Potential acute health effects

#### Product AS SOLD

**Eyes** : Slightly irritating to the eyes.  
**Skin** : Slightly irritating to the skin. May cause sensitization by skin contact.  
**Inhalation** : Slightly irritating to the respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.  
**Ingestion** : May be harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

See toxicological information (Section 11)

### Product AT USE DILUTION

Product is sold ready to use.

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### 3. Composition/information on ingredients

#### Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
white mineral oil, petroleum distillates (petroleum), hydrotreated light	8042-47-5	20 - 50
BUTANE	64742-47-8	5 - 20
PROPANE	106-97-8	5 - 20
terpenes and terpenoids, sweet orange-oil	74-98-6	1 - 5
	68647-72-3	1 - 5

#### Product AT USE DILUTION

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Product is sold ready to use.		

### 4. First aid measures

	Product AS SOLD
<b>Eye contact</b>	: Rinse with water for a few minutes.
<b>Skin contact</b>	: 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.
<b>Inhalation</b>	: No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Product AT USE DILUTION**  
Product is sold ready to use.

### 5. Fire-fighting measures

#### Product AS SOLD

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

**Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.

Use water spray to keep fire-exposed containers cool. Containers may explode when heated. Ruptured cylinders may rocket. Dike area of fire to prevent runoff.

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

**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
<b>Personal precautions</b>	: Use personal protective equipment as required.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

**Product AT USE DILUTION**  
Product is sold ready to use.

## 6. Accidental release measures

**Methods for cleaning up** : If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up.

## 7. Handling and storage

**Handling** : **Product AS SOLD**  
 : Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Liquid and vapor under pressure. Do not puncture or incinerate container. Use only with adequate ventilation. Wash thoroughly after handling.

**Storage** : Keep out of reach of children. Keep container in a cool, well-ventilated area. Store in a closed container. Keep container tightly closed and sealed until ready for use. Do not puncture or incinerate container. Avoid all possible sources of ignition (spark or flame).  
 Store between the following temperatures: 0 and 40°C

**Product AT USE DILUTION**  
 Product is sold ready to use.

## 8. Exposure controls/personal protection

**Engineering measures** : **Product AS SOLD**  
 : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.

### Personal protection

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

**Hands** : Use chemical-resistant, impervious gloves.

**Skin** : Use suitable protective equipment.

**Respiratory** : No special protection is required.

**Product AT USE DILUTION**  
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Ingredient	Exposure limits
white mineral oil, petroleum	<p><b>ACGIH TLV (United States, 2/2010).</b>                      TWA: 5 mg/m<sup>3</sup> 8 hour(s). Form: Inhalable fraction</p> <p><b>NIOSH REL (United States, 6/2009).</b>                      TWA: 5 mg/m<sup>3</sup> 10 hour(s). Form: Mist                      STEL: 10 mg/m<sup>3</sup> 15 minute(s). Form: Mist</p> <p><b>OSHA PEL (United States, 6/2010).</b>                      TWA: 5 mg/m<sup>3</sup> 8 hour(s).</p>
BUTANE	<p><b>ACGIH TLV (United States, 2/2010).</b>                      TWA: 1000 ppm 8 hour(s).</p> <p><b>NIOSH REL (United States, 6/2009).</b>                      TWA: 800 ppm 10 hour(s).                      TWA: 1900 mg/m<sup>3</sup> 10 hour(s).</p>
PROPANE	<p><b>ACGIH TLV (United States, 2/2010).</b>                      TWA: 1000 ppm 8 hour(s).</p> <p><b>OSHA PEL (United States, 6/2010).</b>                      TWA: 1800 mg/m<sup>3</sup> 8 hour(s).                      TWA: 1000 ppm 8 hour(s).</p>

## 8. Exposure controls/personal protection

TWA: 1000 ppm 8 hour(s).  
**NIOSH REL (United States, 6/2009).**  
 TWA: 1000 ppm 10 hour(s).  
 TWA: 1800 mg/m<sup>3</sup> 10 hour(s).

## 9. Physical and chemical properties

### Product AS SOLD

**Physical state** : Aerosol  
**Flash point** : Not applicable.  
**Color** : White  
**Odor** : Floral  
**pH** : 7  
**Boiling/condensation point** : <35°C (<95°F)  
**Relative density** : 0.84 to 0.86  
**Solubility** : Easily soluble in the following materials: cold water and hot water.

### Product AT USE DILUTION

Product is sold ready to use.

## 10. Stability and reactivity

### Product AS SOLD

**Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.  
**Reactivity** : Slightly reactive or incompatible with the following materials: oxidizing materials.  
**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.

## 11. Toxicological information

### Potential acute health effects

#### Product AS SOLD

**Eyes** : Slightly irritating to the eyes.  
**Skin** : Slightly irritating to the skin. May cause sensitization by skin contact.  
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### Product AS SOLD

### Other adverse effects

**Target organs** : Contains material which may cause damage to the following organs: heart, upper respiratory tract, eyes, central nervous system (CNS).

## 12. Ecological information

Ecotoxicity : Not reported

## 13. Disposal considerations

**Product AS SOLD**  
**Waste disposal** : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

**RCRA classification** : Unused product is D001 (Ignitable)

### Product AT USE DILUTION

Product is sold ready to use.

## 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

**DOT Classification** UN1950  
**DOT Proper shipping name** Aerosols  
**Class** 2.1  
**Packing group** -

#### IMO/IMDG

**IMO/IMDG Classification** UN1950  
**IMO/IMDG Proper shipping name** AEROSOLS. Marine pollutant (distillates (petroleum), hydrotreated light , terpenes and terpenoids, sweet orange-oil)  
**Class** 2.1  
**Packing group** -

For transport in bulk, see shipping documents for specific transportation information.

## 15. Regulatory information

**Product AS SOLD**  
**HCS Classification** : Flammable aerosol  
 Sensitizing material  
 Target organ effects

### Product AT USE DILUTION

Product is sold ready to use.

### 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>
<b>Form R - Reporting requirements</b>	: No listed substance		

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

# 16. Other information

Product AS SOLD

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

Health	*	1
Flammability		2
Physical hazards		0

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



NFPA Aerosol Level : Level 1

Date of issue : 26-November-2012  
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.



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