

# Material Safety Data Sheet

BEHOLD



## 1. Product and company identification

Trade name of product : BEHOLD  
Product use : Furniture Polish

Product dilution information : Not applicable

Supplier's information : Ecolab Co.  
5105 Tomken Road  
Mississauga ON L4W 2X5  
1-800-352-5326

Code : 907253

Date of issue : 09-December-2013

**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.  
CONTENTS UNDER PRESSURE.  
Can cause central nervous system (CNS) depression.  
Intentional misuse by deliberate inhalation may be harmful or fatal.  
Avoid breathing vapours, 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.

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

### Potential acute health effects

### Product AS SOLD

Eyes : No known significant effects or critical hazards.  
Skin : No known significant effects or critical hazards.  
Inhalation : High vapour 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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Product is sold ready to use.

### 3. Composition/information on ingredients

#### Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
distillates (petroleum), hydrotreated light	64742-47-8	7 - 13
BUTANE	106-97-8	5- 10
PROPANE	74-98-6	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

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Eye contact</b>	: No known effect after eye contact. Rinse with water for a few minutes.	Product is sold ready to use.
<b>Skin contact</b>	: No known effect after skin contact. Rinse with water for a few minutes.	
<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.	

### 5. Fire-fighting measures

#### Product AS SOLD

<b>Auto-ignition temperature</b>	: Not available.
<b>Flammable limits</b>	: Lower: 0.9% Upper: 7%
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
<b>Special remarks on fire hazards</b>	: Not available.
<b>Special remarks on explosion hazards</b>	: Not available.
<b>Fire-fighting media and instructions</b>	: 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. Dyke 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.
<b>Special protective equipment for fire-fighters</b>	: 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

	<b>Product AS SOLD</b>
<b>Personal precautions</b>	: Use personal protective equipment as required.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilt material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: 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.

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

## 7. Handling and storage

	<b>Product AS SOLD</b>
<b>Handling</b>	: Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Liquid and vapour under pressure. Do not puncture or incinerate container. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Keep container in a cool, well-ventilated area. 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

	<b>Product AS SOLD</b>
<b>Engineering measures</b>	: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour 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, vapour or dust concentrations below any lower explosive limits.

### Personal protection

<b>Eyes</b>	: No protective equipment is needed under normal use conditions.
<b>Hands</b>	: No protective equipment is needed under normal use conditions.
<b>Skin</b>	: No protective equipment is needed under normal use conditions.
<b>Respiratory</b>	: No special protection is required.

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

Product is sold ready to use.

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			
Ingredient	List name	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	Notations
distillates (petroleum), hydrotreated light, as total hydrocarbon vapor	US ACGIH 3/2012	-	200	-	-	-	-	-	-	-	[1]
	AB 4/2009	-	200	-	-	-	-	-	-	-	[1]
	BC 4/2012	-	200	-	-	-	-	-	-	-	[1]
distillates (petroleum), hydrotreated light	ON 7/2010	-	200	-	-	-	-	-	-	-	[1]
	US ACGIH 3/2012	1000	-	-	-	-	-	-	-	-	
butane	AB 4/2009	1000	-	-	-	-	-	-	-	-	

## 8. Exposure controls/personal protection

propane	BC 4/2012	600	-	-	750	-	-	-	-	-	-
	ON 7/2010	800	-	-	-	-	-	-	-	-	-
	QC 9/2011	800	1900	-	-	-	-	-	-	-	-
	US ACGIH 3/2012	1000	-	-	-	-	-	-	-	-	-
	AB 4/2009	1000	-	-	-	-	-	-	-	-	-
	BC 4/2012	1000	-	-	-	-	-	-	-	-	-
	ON 7/2010	1000	-	-	-	-	-	-	-	-	-
	QC 9/2011	1000	1800	-	-	-	-	-	-	-	-

[1]Absorbed through skin.

## 9. Physical and chemical properties

### Product AS SOLD

**Physical state** : Aerosol  
**Flash point** : Not applicable.  
**Colour** : White  
**Odour** : citrus  
**pH** :  
**Boiling/condensation point** : <35°C (<95°F)  
**Melting/freezing point** : Not available.  
**Relative density** : 0.88 to 0.95  
**Vapour pressure** : Not available.  
**Vapour density** : Not available.  
**Odour threshold** : Not available.  
**Evaporation rate** : Not available.  
**Viscosity** : Kinematic (room temperature): 0 cm<sup>2</sup>/s (0 cSt)  
**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

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

## 11. Toxicological information

### Potential acute health effects

	Product AS SOLD
<b>Eyes</b>	: No known significant effects or critical hazards.
<b>Skin</b>	: No known significant effects or critical hazards.
<b>Inhalation</b>	: High vapour concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
<b>Ingestion</b>	: May be harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

### Product AT USE DILUTION

Product is sold ready to use.

### Product AS SOLD

### Potential chronic health effects

<b>Carcinogenic effects</b>	: No known significant effects or critical hazards.
<b>Mutagenic effects</b>	: No known significant effects or critical hazards.
<b>Teratogenic effects</b>	: No known significant effects or critical hazards.
<b>Reproductive effects</b>	: No known significant effects or critical hazards.
<b>Sensitization to Product</b>	: No known significant effects or critical hazards.
<b>Synergistic products (toxicologically)</b>	: Not available.

### Toxicity data

Product/ingredient name	Test	Route	Result	Species
distillates (petroleum), hydrotreated light	LD50	Dermal	>2000 mg/kg	Rabbit
	LD50	Oral	>5000 mg/kg	Rat
	LC50	Inhalation	>5.68 mg/l	Rat
butane	LC50	Inhalation	280000 ppm	Rat

### Other adverse effects

<b>Target organs</b>	: Contains material which may cause damage to the following organs: central nervous system (CNS).
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## 12. Ecological information

Ecotoxicity : Not reported

## 13. Disposal considerations

	Product AS SOLD
<b>Waste disposal</b>	: 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.

### 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

#### TDG

<b>TDG Classification</b>	UN1950
<b>TDG Proper shipping name</b>	AEROSOLS
<b>Class</b>	2.1
<b>Packing group</b>	-

## 14. Transport information

**IMO/IMDG**

IMO/IMDG Classification UN1950  
 IMO/IMDG Proper shipping name AEROSOLS  
 Class 2.1  
 Packing group -

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

## 15. Regulatory information

**Product AS SOLD**

**Product AT USE DILUTION**

WHMIS : Class A: Compressed gas.  
 Class B-5: Flammable aerosol.

Product is sold ready to use.

Canada inventory : All components are listed or exempted.

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.) :

Health	*	1
Flammability		2
Physical hazards		0

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



NFPA Aerosol Level : Level 1

Date of issue : 09-December-2013  
 Responsible name : Regulatory Affairs  
 1-800-352-5326

☑ Indicates information that has changed from previously issued version.

**Notice to reader**

**16. Other information**

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.**