

# Material Safety Data Sheet

STAINLESS STEEL CLEANER & POLISH



## 1. Product and company identification

Trade name of product : STAINLESS STEEL CLEANER & POLISH

Product use : Metal Polish

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 : 917161

Date of issue : 29-September-2010

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 : CAUTION !

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

Avoid contact with eyes. 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. Use only with adequate ventilation. Wash thoroughly after handling.

**Product AT USE DILUTION**

Product is sold ready to use.

### Potential acute health effects

**Product AS SOLD**

Eyes : Slightly irritating to the eyes.

Skin : Slightly irritating to the skin.

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.

See toxicological information (section 11)

**Product AT USE DILUTION**

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>
solvent naphtha (petroleum), medium aliph.	64742-88-7	5 - 20
white mineral oil, petroleum	8042-47-5	5 - 20
PROPANE	74-98-6	5 - 20
BUTANE	106-97-8	5 - 20

### 3. Composition/information on ingredients

**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>Eye contact</b>	: Rinse with water for a few minutes.
<b>Skin contact</b>	: 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.

<b>Product AT USE DILUTION</b>
Product is sold ready to use.

### 5. Fire-fighting measures

**Product AS SOLD**

<b>Flammable limits</b>	: Lower: 1.8% Upper: 9.5%
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
<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. Dike area of fire to prevent runoff. In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed.
<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 spilled material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: Use a water rinse for final clean-up.

<b>Product AT USE DILUTION</b>
Product is sold ready to use.

### 7. Handling and storage

	<b>Product AS SOLD</b>
<b>Handling</b>	: Avoid contact with eyes. Avoid breathing vapors, spray or mists. Liquid and vapor 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. Store in a closed container. Do not puncture or incinerate container. Store between the following temperatures: 5 and 40°C

<b>Product AT USE DILUTION</b>
Product is sold ready to use.

## 8. Exposure controls/personal protection

**Product AS SOLD**

**Engineering measures** : 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**

Product is sold ready to use.

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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. See Appendix C, paragraph A. Inhalable Particulate Mass TLVs (IPM-TLVs) for those materials that are hazardous when deposited anywhere in the respiratory tract.</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, 11/2006).</b> TWA: 5 mg/m<sup>3</sup> 8 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, 11/2006).</b> TWA: 1800 mg/m<sup>3</sup> 8 hour(s). TWA: 1000 ppm 8 hour(s).</p> <p><b>NIOSH REL (United States, 6/2009).</b> TWA: 1000 ppm 10 hour(s). TWA: 1800 mg/m<sup>3</sup> 10 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>

## 9. Physical and chemical properties

**Product AS SOLD**

**Physical state** : Aerosol.

**Flash point** : Not applicable.

**Color** : White.

**Odor** : Floral.

**pH** : Not applicable

**Relative density** : 0.924 to 0.944

**Solubility** : Easily soluble in the following materials: cold 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: acids and alkalis.
- 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.
- 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.

### Product AT USE DILUTION

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### Product AS SOLD

#### Other adverse effects

- Target organs** : Contains material which may cause damage to the following organs: the nervous system, cardiovascular system, central nervous system (CNS).

## 12. Ecological information

- Ecotoxicity** : Not reported

## 13. Disposal considerations

- Product AS SOLD**
- Waste disposal** : Diluted product can be flushed to sanitary sewer. Avoid disposal. Attempt to use product completely in accordance with intended use. Do not puncture or incinerate container. Discard empty container in trash.

### 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 Proper shipping name** : Consumer commodity

**Class** : ORM-D

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

## 15. Regulatory information

- Product AS SOLD**
- HCS Classification** : 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.

## 15. Regulatory information

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

**SARA 313**

**Product name**

**CAS number**

**Concentration**

Form R - Reporting requirements : 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		3
Physical hazards		0

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



NFPA Aerosol Level : Level 2

Date of issue : 29-September-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.