

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 all possible sources of ignition (spark or 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.

Product AT USE DILUTION

Product is sold ready to use.

See toxicological information (section 11)

3. Composition/information on ingredients

Product AS SOLD

Name	CAS number	% by weight
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

Name

Product is sold ready to use.

CAS number
% by weight

4. First aid measures

Product AS SOLD

- Eye contact** : Rinse with water for a few minutes.
- Skin contact** : Rinse with water for a few minutes.
- Inhalation** : No special measures required. Treat symptomatically.
- Ingestion** : 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

- Flammable limits** : Lower: 1.8%
Upper: 9.5%
- 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.

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.

- 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

- Personal precautions** : Use personal protective equipment as required.
- Environmental precautions** : 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.

Product AT USE DILUTION

Product is sold ready to use.

7. Handling and storage

Product AS SOLD

- Handling** : 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.
- Storage** : Keep out of reach of children. Store in a closed container. Do not puncture or incinerate container. Do not store above the following temperature: 45°C

Product AT USE DILUTION

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
PROPANE	ACGIH TLV (United States, 1/2009). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States, 11/2006). TWA: 1800 mg/m ³ 8 hour(s).
BUTANE	TWA: 1000 ppm 8 hour(s). ACGIH TLV (United States, 1/2009). TWA: 1000 ppm 8 hour(s).

9. Physical and chemical properties

Product AS SOLD
Physical state : Aerosol.
Flash point : Not applicable.
Color : White.
Odor : Floral.
pH : Not applicable
Relative density : 0.933 to 0.935

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.
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Ingestion : May be harmful if swallowed.

Product AT USE DILUTION

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Product AS SOLD

11. Toxicological information**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**IMO/IMDG Classification**

UN number	UN1950
Proper shipping name	AEROSOLS, flammable
Class	2.1
Packing group	-
Additional information	Limited quantity

See shipping documents for specific transportation information.

15. Regulatory information**Product AS SOLD**

HCS Classification : Target organ effects

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

SARA 313**Product name****CAS number****Concentration**

Form R - Reporting requirements : No listed substance

California Prop. 65

: No listed substance

Product AT USE DILUTION

Product is sold ready to use.

16. Other information

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.) :



Date of issue : 29-September-2010
 Date of previous issue : No previous validation
 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.

