

# Material Safety Data Sheet

**ECOLAB**

STAINLESS STEEL CLEANER &amp; POLISH

## Section 1. Chemical product and company identification

Trade name : STAINLESS STEEL CLEANER & POLISH  
Product use : Metal Polish  
Supplier : Ecolab Inc. Institutional Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-352-5326  
Code : 917161  
Date of Issue : 05-March-2009

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

## Section 2. Composition, information on ingredients

Name	CAS number	% by weight
Stoddard Solvent	8052-41-3	5 - 20
petroleum gases, liquefied	68476-85-7	5 - 20
white mineral oil, petroleum	8042-47-5	5 - 20

## Section 3. Hazards identification

Physical state : Liquid. [Aerosol.]  
Emergency : WARNING !  
overview  
FLAMMABLE AEROSOLS  
MAY CAUSE RESPIRATORY TRACT AND EYE IRRITATION.  
CONTENTS UNDER PRESSURE.  
Can cause central nervous system (CNS) depression.  
Intentional misuse by deliberate inhalation may be harmful or fatal.  
Do not ingest. Avoid contact with eyes. Avoid all possible sources of ignition (spark or flame). Keep away from heat and direct sunlight. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Potential acute health effects

Eyes : Moderately irritating to eyes.  
Skin : Slightly irritating to the skin.  
Inhalation : Moderately 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)

## Section 4. First aid measures

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.  
Skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse.  
Inhalation : If inhaled, remove to fresh air.  
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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**Section 5. Fire fighting measures**

- Flash point** : 104 °C (Open cup)  
**Flammable limits** : Lower: 1.8%  
Upper: <=13%  
**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.

**Section 6. Accidental release measures**

- Personal precautions** : Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.  
**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  
**Methods for cleaning up** : Absorb with an inert material and place in an appropriate waste disposal container.

**Section 7. Handling and storage**

- Handling** : Avoid contact with eyes. 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. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.  
**Storage** : 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).  
Do not store above the following temperature: 45°C

**Section 8. Exposure controls/personal protection**

- Engineering measures** : 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** : Eye protection recommended.  
**Hands** : No protective equipment is needed under normal use conditions.  
**Skin** : No protective equipment is needed under normal use conditions.  
**Respiratory** : A respirator is not needed under normal and intended conditions of product use.

**Name****Exposure limits**

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Stoddard Solvent

ACGIH TLV (United States, 1/2008).

TWA: 525 mg/m<sup>3</sup> 8 hour(s).

TWA: 100 ppm 8 hour(s).

OSHA PEL (United States, 11/2006).

TWA: 2900 mg/m<sup>3</sup> 8 hour(s).

TWA: 500 ppm 8 hour(s).

petroleum gases, liquefied

ACGIH TLV (United States, 1/2008).

TWA: 1000 ppm 8 hour(s).

OSHA PEL (United States, 11/2006).

TWA: 1800 mg/m<sup>3</sup> 8 hour(s).

TWA: 1000 ppm 8 hour(s).

**Section 9. Physical and chemical properties**

Physical state	: Liquid. [Aerosol.]
Color	: Colorless.
Odor	: Hydrocarbon.
pH	: Not available.
Relative density	: 0.9 to 0.946

**Section 10. Stability and reactivity**

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.

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

Eyes	: Moderately irritating to eyes.
Skin	: Slightly irritating to the skin.
Inhalation	: Moderately 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.

**Potential chronic health effects**

Target organs	: Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, central nervous system (CNS).
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**Section 12. Ecological information****Section 13. Disposal considerations**

Waste disposal	: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
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Consult your local or regional authorities.

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**Section 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.

**UN 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.

**Section 15. Regulatory information**

**HCS Classification** : Irritating material

Target organ effects

**U.S. Federal regulations** : SARA 302/304/311/312 extremely hazardous substances: No products were found.

**SARA 302/304 emergency planning and notification:** No products were found.

**TSCA 8(b) inventory** : Not determined.

**California Prop. 65** : No products were found.

**Section 16. Other information**

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

Health	*	1
Flammability		2
Physical hazards		0

**Date of issue** : 05-March-2009.

**Responsible name** : Regulatory Affairs

**Date of previous issue** : 24-October-2005.

**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.