

# SAFETY DATA SHEET

## ZEP STAINLESS STEEL POLISH\_20N16\_12CT

Version 1.4

Revision Date 10/01/2023

Print Date 04/27/2025

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : ZEP STAINLESS STEEL POLISH\_20N16\_12CT

Material number : 000000000001050049

#### Manufacturer or supplier's details

Company : Zep Inc.

Address : 11627 - 178 Street  
Edmonton, Alberta T5S 1N6  
Canada

Telephone : Compliance Services - 877-428-9937

#### Emergency telephone numbers

For SDS Information : Compliance Services - 877-428-9937

For a Medical Emergency : 877-541-2016 Toll Free - All Calls Recorded

For a Transportation  
Emergency : CHEMTREC: 800-424-9300 - All Calls Recorded.

#### Recommended use of the chemical and restrictions on use

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

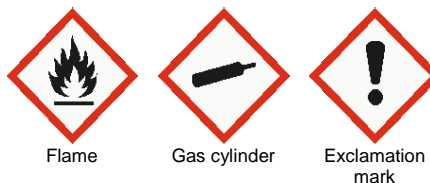
|            |                                     |
|------------|-------------------------------------|
| Appearance | Aerosol containing a compressed gas |
| Colour     | clear                               |
| Odour      | characteristic                      |

#### GHS Classification

Flammable aerosols : Category 1  
Gases under pressure : Liquefied gas  
Skin sensitisation : Category 1

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.

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H280 Contains gas under pressure; may explode if heated.  
H317 May cause an allergic skin reaction.

Precautionary statements

: **Prevention:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves.

**Response:**

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

**Storage:**

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

**Disposal:**

P501 Dispose of contents/container in accordance with local regulation.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

| Chemical name  | CAS-No.    | Concentration [%] |
|--|------------|-------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | >= 30 - < 60      |
| Distillates (petroleum), hydrotreated light            | 64742-47-8 | >= 10 - < 30      |
| propane  | 74-98-6    | >= 5 - < 10       |
| butane   | 106-97-8   | >= 5 - < 10       |
| Oils, sweet orange (terpenes and terpenoids)           | 68647-72-3 | >= 0.1 - < 1      |
| citral   | 5392-40-5  | >= 0.1 - < 1      |

### SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : If skin irritation persists, call a physician.  
Wash off immediately with plenty of water for at least 15 minutes.

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|   |   |
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|   | Remove contaminated clothing and shoes.<br>Wash contaminated clothing before reuse.   |
| In case of eye contact                                      | : Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.<br>Rinse immediately with plenty of water for at least 15 minutes.  |
| If swallowed  | : Keep respiratory tract clear.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>DO NOT induce vomiting unless directed to do so by a physician or poison control center.   |
| Most important symptoms and effects, both acute and delayed | : Effects are immediate and delayed.<br>Symptoms may include irritation, redness, pain, and rash.<br>Effects are dependent on exposure (dose, concentration, contact time).<br>Causes skin irritation.<br>Causes serious eye irritation.<br>May cause an allergic skin reaction.<br>Review section 2 of SDS to see all potential hazards. |
| Notes to physician  | : Treat symptomatically. Symptoms may be delayed.   |

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### SECTION 5. FIREFIGHTING MEASURES

|   |   |
|---|---|
| Suitable extinguishing media                  | : Alcohol-resistant foam<br>Carbon dioxide (CO2)<br>Dry chemical<br>Water spray jet   |
| Unsuitable extinguishing media                | : High volume water jet   |
| Specific hazards during firefighting          | : Do not allow run-off from fire fighting to enter drains or water courses.   |
| Hazardous combustion products                 | : Carbon dioxide (CO2)<br>Carbon monoxide<br>Smoke  |
| Specific extinguishing methods                | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.   |
| Further information                           | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>For safety reasons in case of fire, cans should be stored separately in closed containments.<br>Use a water spray to cool fully closed containers. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.  |

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |   |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.<br>Ensure adequate ventilation.<br>Remove all sources of ignition.<br>Evacuate personnel to safe areas.<br>Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. |
| Environmental precautions   | : Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains, inform respective authorities.  |
| Methods and materials for containment and cleaning up               | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Sweep up or vacuum up spillage and collect in suitable container for disposal.  |

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### SECTION 7. HANDLING AND STORAGE

- |                             |   |
|-----------------------------|---|
| Advice on safe handling     | : Avoid exposure - obtain special instructions before use.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Take precautionary measures against static discharges.<br>Provide sufficient air exchange and/or exhaust in work rooms.<br>Dispose of rinse water in accordance with local and national regulations.<br>Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.<br>Always replace cap after use.<br>Do not breathe vapours or spray mist. |
| Conditions for safe storage | : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.<br>No smoking.<br>Observe label precautions.<br>Keep in a dry, cool and well-ventilated place.<br>Electrical installations / working materials must comply with the technological safety standards.  |
| Materials to avoid          | : Strong oxidizing agents   |

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Components with workplace control parameters

| Components  | CAS-No.    | Value type<br>(Form of exposure)      | Control parameters /<br>Permissible concentration | Basis     |
|---|------------|---------------------------------------|---|-----------|
| Distillates (petroleum),<br>hydrotreated heavy naphthenic | 64742-52-5 | TWA (Mist)                            | 1 mg/m3   | CA BC OEL |
|   |            | TWA<br>(Inhalable fraction)           | 5 mg/m3   | ACGIH     |
| Distillates (petroleum),<br>hydrotreated light            | 64742-47-8 | TWA                                   | 200 mg/m3<br>(As total hydrocarbon vapour)        | CA BC OEL |
|   |            | TWA                                   | 200 mg/m3<br>(total hydrocarbon vapor)            | CA AB OEL |
| propane   | 74-98-6    | TWA                                   | 1,000 ppm   | CA AB OEL |
|   |            | TWA                                   | 1,000 ppm   | CA BC OEL |
|   |            | TWAEV                                 | 1,000 ppm<br>1,800 mg/m3                          | CA QC OEL |
|   |            | TWA                                   | 1,000 ppm   | CA ON OEL |
| butane  | 106-97-8   | TWA                                   | 1,000 ppm   | CA AB OEL |
|   |            | TWA                                   | 600 ppm   | CA BC OEL |
|   |            | STEL                                  | 750 ppm   | CA BC OEL |
|   |            | TWAEV                                 | 800 ppm<br>1,900 mg/m3                            | CA QC OEL |
|   |            | STEL                                  | 1,000 ppm   | ACGIH     |
| citral  | 5392-40-5  | TWA<br>(Inhalable fraction and vapor) | 5 ppm   | ACGIH     |

**Engineering measures** : effective ventilation in all processing areas

### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Hand protection

Material : Protective gloves

Remarks

: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Access to clean water to rinse eyes must be available, options include: eye wash stations or showers, or eye wash bottles with pure water.  
Tightly fitting safety goggles

Skin and body protection

: Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Aerosol containing a compressed gas

Colour : clear

Odour : characteristic

Odour Threshold : No data available

pH : Not applicable

Melting point/freezing point : No data available

Boiling point : 82.22 °C

Flash point :  
No data available

Evaporation rate : No data available

Flammability (solid, gas, liquid) : Extremely flammable aerosol.

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Density : 0.856 g/cm<sup>3</sup>

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : not determined

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : not determined

Thermal decomposition : No data available

Viscosity

Viscosity, kinematic : No data available

Heat of combustion : 44.04 kJ/g

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### SECTION 10. STABILITY AND REACTIVITY

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|                                    |   |
|------------------------------------|---|
| Reactivity                         | : Stable  |
| Chemical stability                 | : Stable under normal conditions.   |
| Possibility of hazardous reactions | : No decomposition if stored and applied as directed.<br>Vapours may form explosive mixture with air. |
| Conditions to avoid                | : Heat, flames and sparks.<br>Extremes of temperature and direct sunlight.                            |
| Incompatible materials             | : Strong oxidizing agents   |
| Hazardous decomposition products   | : Carbon oxides   |

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Potential Health Effects

|                              |  |
|------------------------------|--|
| Aggravated Medical Condition | : None known.  |
| Symptoms of Overexposure     | : Effects are immediate and delayed.<br>Symptoms may include irritation, redness, pain, and rash.<br>Effects are dependent on exposure (dose, concentration, contact time).<br>Causes skin irritation.<br>Causes serious eye irritation.<br>May cause an allergic skin reaction.<br>Review section 2 of SDS to see all potential hazards.<br>Treat symptomatically. Symptoms may be delayed. |

#### Carcinogenicity:

##### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

##### ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

#### Acute toxicity

##### Product:

|                       |   |
|-----------------------|---|
| Acute dermal toxicity | : Acute toxicity estimate : > 5,000 mg/kg<br>Method: Calculation method |
|-----------------------|---|

##### Components:

##### **Distillates (petroleum), hydrotreated heavy naphthenic:**

|                     |                           |
|---------------------|---------------------------|
| Acute oral toxicity | : LD50 Rat: > 5,000 mg/kg |
|---------------------|---------------------------|

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Acute inhalation toxicity : LC50 Rat: > 5 mg/l  
Exposure time: 4 h

Acute dermal toxicity : LD50 Rabbit: > 5,000 mg/kg

**Distillates (petroleum), hydrotreated light:**

Acute oral toxicity : LD50 Rat: > 5,000 mg/kg

Acute inhalation toxicity : LC50 Rat: > 4.6 mg/l  
Exposure time: 6 h

Acute dermal toxicity : LD50 Rat: > 2,000 mg/kg

### Skin corrosion/irritation

**Product:**

Remarks: Irritating to skin.

### Serious eye damage/eye irritation

**Product:**

Remarks: Severe eye irritation

### Respiratory or skin sensitisation

**Product:**

Remarks: Causes sensitisation.

**Components:**

**Oils, sweet orange (terpenes and terpenoids):**

Classification: May cause sensitisation by skin contact.

**citral:**

Classification: May cause sensitisation by skin contact.

### Germ cell mutagenicity

No data available

### Carcinogenicity

No data available

### Reproductive toxicity

No data available

### STOT - single exposure

No data available

### STOT - repeated exposure

No data available



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### Aspiration toxicity

No data available

### Further information

#### Product:

Remarks: No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

#### Product:

Partition coefficient: n-octanol/water : Remarks: No data available

#### Components:

##### **butane :**

Partition coefficient: n-octanol/water : Pow: 2.89

##### **citral :**

Partition coefficient: n-octanol/water : log Pow: 2.9 (25 °C)  
Method: OECD Test Guideline 117

### Mobility in soil

No data available

### Other adverse effects

No data available

#### Product:

Additional ecological information : No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Dispose of in accordance with local regulations.

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Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

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### SECTION 14. TRANSPORT INFORMATION

|  |
|--|
| Transportation Regulation (TDG) / Règlement Pour Le Transport (TMD): (Canada):<br>UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity |
|--|

|   |
|---|
| Transportation Regulation / Règlement Pour Le Transport: IMDG (Vessel):<br>UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity |
|---|

|  |
|--|
| Transportation Regulation / Règlement Pour Le Transport: IATA (Cargo Air):<br>UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity |
|--|

|  |
|--|
| Transportation Regulation / Règlement Pour Le Transport: IATA (Passenger Air):<br>UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity |
|--|

|  |
|--|
| Transportation Regulation / Règlement Pour Le Transport: 49 CFR (USA):<br>UN1950, AEROSOLS, FLAMMABLE, 2.1, - Limited quantity |
|--|

The product as delivered to the customer conforms to packaging requirements for shipment by road under Transport Dangerous Goods (TDG) Canada regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

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### SECTION 15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

**The components of this product are reported in the following inventories:**

|             |  |
|-------------|--|
| <b>DSL</b>  | All components of this product are on the Canadian DSL |
| <b>TSCA</b> | On TSCA Inventory                                      |

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

**Inventory Acronym and Validity Area Legend:**

TSCA (USA), DSL (Canada), NDSL (Canada)

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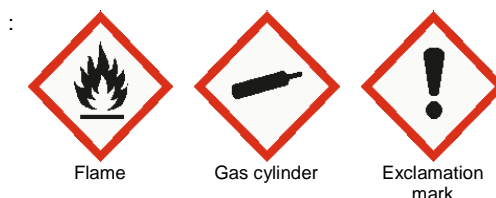
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### SECTION 16. OTHER INFORMATION

#### WHMIS - GHS Label Information:

Hazard pictograms



Signal word

: **Danger:**

Hazard statements

: Extremely flammable aerosol. Contains gas under pressure; may explode if heated.  
May cause an allergic skin reaction.

Precautionary statements

: **Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.  
**Response:** IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.  
**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
**Disposal:** Dispose of contents/container in accordance with local regulation.

|                |            |
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