

### SECTION 1: IDENTIFICATION

**Product identifier**

|                             |  |
|-----------------------------|--|
| <b>Product Name</b>         | <b>Shine Pro Stainless Steel Cleaner &amp; Polish</b>                              |
| <b>Authorization number</b> | SSS-481-03, SSS# 25148, F481-001   |
| <b>Recommended Use</b>      | Stainless Steel Cleaner / Polish   |
| <b>Uses advised against</b> | Restrictions on use: Do not use in any fashion not specified on the product label. |

**Manufacturer/Supplier**

Triple S  
 98 Spit Brook Road, Suite #104  
 Nashua NH 03062  
 United States

Telephone: 800-323-2251  
 Website: www.triple-s.com

|                                   |              |
|-----------------------------------|--------------|
| <b>Emergency telephone number</b> | 888-779-1339 |
| <b>National poison center</b>     | 800-222-1222 |

### SECTION 2: HAZARD(S) IDENTIFICATION

**Classification acc. to GHS**

|                          |       |
|--------------------------|-------|
| Acute toxicity (inhal.). | H332. |
| Aspiration hazard.       | H304. |
| Flammable liquid.        | H226. |

**Label elements**

**Signal word**                      Danger

**Pictograms**



**Hazard statements**

Flammable liquid and vapor.  
 May be fatal if swallowed and enters airways.  
 Harmful if inhaled.

**Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 If swallowed: Immediately call a poison center/doctor.  
 Call a poison center/doctor if you feel unwell.  
 Do NOT induce vomiting.  
 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.  
 Store in a well-ventilated place. Keep cool.  
 Dispose of contents/container to industrial combustion plant.

|  |  |
|--|--|
| <b>Hazardous ingredients for labelling</b> | Naphtha (petroleum), hydrotreated heavy, Mineral Seal Oil, Distillates (petroleum), hydrotreated middle, Benzisothiazolinone |
|--|--|

**Other hazards**

Hazards not otherwise classified

May be harmful in contact with skin (GHS category 5: acutely toxic - dermal).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of  $\geq 0.1\%$ .

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Name of substance                            | Identifier           | Wt%       |
|--|----------------------|-----------|
| Naphtha (petroleum), hydrotreated heavy      | CAS No<br>64742-48-9 | 25 - < 50 |
| Mineral Seal Oil                             | CAS No<br>64741-44-2 | 25 - < 50 |
| Distillates (petroleum), hydrotreated middle | CAS No<br>64742-46-7 | 25 - < 50 |
| Benzisothiazolinone                          | CAS No<br>2634-33-5  | < 1       |

For full text of abbreviations: see SECTION 16.

**SECTION 4: FIRST-AID MEASURES****Following inhalation**

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

**Following skin contact**

Wash with plenty of soap and water.

**Following eye contact**

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

**Following ingestion**

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

**Indication of any immediate medical attention and special treatment needed**

none

**SECTION 5: FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

Water jet

**Special hazards arising from the substance or mixture**

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

**Hazardous combustion products**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

**Environmental precautions**

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

**Methods and material for containment and cleaning up**

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

**SECTION 7: HANDLING AND STORAGE****Precautions for safe handling**

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

**Conditions for safe storage, including any incompatibilities**

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Protect against external exposure, such as

frost

#### - Ventilation requirements

Keep any substance that emits harmful vapors or gases in a place that allows these to be permanently extracted. Use local and general ventilation. Ground/bond container and receiving equipment.

#### Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

See section 16 for a general overview.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure controls

#### Appropriate engineering controls

General ventilation.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection

Wear eye/face protection.

##### Skin protection

###### - Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

###### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

##### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                     |                                  |
|-------------------------------------|----------------------------------|
| <b>Physical state</b>               | Liquid                           |
| <b>Color</b>                        | White                            |
| <b>Odor</b>                         | Lemon                            |
| <b>pH (value)</b>                   | 8 – 10                           |
| <b>Melting point/freezing point</b> | Not determined                   |
| <b>Evaporation rate</b>             | Not determined                   |
| <b>Flammability (solid, gas)</b>    | Not relevant (fluid)             |
| <b>Density</b>                      | Not determined                   |
| <b>Relative density</b>             | 0.81 – 0.87 at 20 °C (water = 1) |
|                                     |                                  |
| <b>Dynamic viscosity</b>            | 250 – 2,500 cP at 20 °C          |

**SECTION 10: STABILITY AND REACTIVITY****Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

**Chemical stability**

See below "Conditions to avoid".

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

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

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Incompatible materials**

Oxidizers

**Hazardous decomposition products**

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

**SECTION 11: TOXICOLOGICAL INFORMATION****Information on toxicological effects**

Test data are not available for the complete mixture.

**Classification procedure**

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)****Acute toxicity**

Harmful if inhaled.

GHS of the United Nations, annex 4: May be harmful in contact with skin.

- Acute toxicity estimate (ATE)

Inhalation: vapor 11.81 mg/l/4h

Acute toxicity estimate (ATE) of components of the mixture

| Name of substance                            | CAS No     | Exposure route        | ATE           |
|--|------------|-----------------------|---------------|
| Naphtha (petroleum), hydrotreated heavy      | 64742-48-9 | inhalation: vapor     | >9.3 mg/l/4h  |
| Mineral Seal Oil                             | 64741-44-2 | inhalation: vapor     | 11 mg/l/4h    |
| Mineral Seal Oil                             | 64741-44-2 | inhalation: dust/mist | >2.53 mg/l/4h |
| Distillates (petroleum), hydrotreated middle | 64742-46-7 | inhalation: vapor     | 11 mg/l/4h    |
| Distillates (petroleum), hydrotreated middle | 64742-46-7 | inhalation: dust/mist | 4.6 mg/l/4h   |
| Benzisothiazolinone                          | 2634-33-5  | oral                  | 500 mg/kg     |

**Skin corrosion/irritation**

Shall not be classified as corrosive/irritant to skin.

**Serious eye damage/eye irritation**

Shall not be classified as seriously damaging to the eye or eye irritant.

**Respiratory or skin sensitization**

Shall not be classified as a respiratory or skin sensitizer.

**Germ cell mutagenicity**

Shall not be classified as germ cell mutagenic.

**Carcinogenicity**

Shall not be classified as carcinogenic.

**Reproductive toxicity**

Shall not be classified as a reproductive toxicant.

**Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

**Specific target organ toxicity - repeated exposure**

Shall not be classified as a specific target organ toxicant (repeated exposure).

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**SECTION 12: ECOLOGICAL INFORMATION****Toxicity**

Shall not be classified as hazardous to the aquatic environment.

**Persistence and degradability**

Data are not available.

**Bioaccumulative potential**

Data are not available.

**Mobility in soil**

Data are not available.

**Results of PBT and vPvB assessment**

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of  $\geq 0.1\%$ .

**Endocrine disrupting properties**

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

**Other adverse effects**

Data are not available.

**SECTION 13: DISPOSAL CONSIDERATIONS****Waste treatment methods**

Waste treatment-relevant information

Solvent reclamation/regeneration.

**Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

**Waste treatment of containers/packages**

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

**Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

**SECTION 14: TRANSPORT INFORMATION****UN number****DOT**

UN 1993

**UN proper shipping name**

|     |                          |
|-----|--------------------------|
| DOT | FLAMMABLE LIQUID, N.O.S. |
|-----|--------------------------|

**Transport hazard class(es)**

|     |   |
|-----|---|
| DOT | 3 |
|-----|---|

**Packing group**

|     |     |
|-----|-----|
| DOT | III |
|-----|-----|

|                              |   |
|------------------------------|---|
| <b>Environmental hazards</b> | non-environmentally hazardous acc. to the dangerous goods regulations |
|------------------------------|---|

**SECTION 15: REGULATORY INFORMATION****National regulations (United States)****Toxic Substance Control Act (TSCA)**

not all ingredients are listed (ACTIVE)

**Superfund Amendment and Reauthorization Act (SARA TITLE III )**

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

**Clean Air Act**

none of the ingredients are listed

**Right to Know Hazardous Substance List**

- Cleaning Product Right to Know Act Substance List (CA-RTK)

| Name of substance                            | CAS No     | Functionality | Authoritative Lists                        |
|--|------------|---------------|--|
| Naphtha (petroleum), hydrotreated heavy      | 64742-48-9 |               | Canada PBiTs<br>EC Annex VI CMRs - Cat. 1B |
| Distillates (petroleum), hydrotreated middle | 64742-46-7 |               | EC Annex VI CMRs - Cat. 1B                 |

- Hazardous Substances List (MN-ERTK)

| Name of substance                       | CAS No     | References | Remarks |
|---|------------|------------|---------|
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | A, O       |         |

**Legend**

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division

**NPCA-HMIS® III**

| Category            | Rating | Description  |
|---------------------|--------|--|
| Chronic             | *      | chronic (long-term) health effects may result from repeated overexposure   |
| Health              | 1      | irritation or minor reversible injury possible   |
| Flammability        | 2      | material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur                                       |
| Physical hazard     | 0      | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | -      |  |

**NFPA® 704**

| Category       | Degree of hazard | Description  |
|----------------|------------------|--|
| Flammability   | 2                | material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur |
| Health         | 0                | material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material        |
| Instability    | 0                | material that is normally stable, even under fire conditions   |
| Special hazard |                  |  |

**National inventories**

| Country | Inventory  | Status                         |
|---------|------------|--------------------------------|
| EU      | REACH Reg. | not all ingredients are listed |
| US      | TSCA       | not all ingredients are listed |

Legend

REACH Reg. REACH registered substances  
TSCA Toxic Substance Control Act

**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION****Key literature references and sources for data**

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

**Classification procedure**

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**List of relevant phrases (code and full text as stated in section 2 and 3)**

| Code | Text  |
|------|---|
| H226 | Flammable liquid and vapor.                   |
| H304 | May be fatal if swallowed and enters airways. |
| H332 | Harmful if inhaled.                           |



**Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. .