1. PRODUCT AND COMPANY IDENTIFICATION

Product name
Swisher SSC Metal Polish

Product code
41821

UN/ID No
UN1950

Recommended Use
Aerosol- Oil Based Stainless Steel Cleaner

Distributor
Swisher Hygiene Inc.
4725 Piedmont Row Drive,
Suite 400,
Charlotte, NC 28210

Chemical Emergency Phone Number
800-424-9300 (Chemtrec)

Company Emergency Phone Number
800-444-4138

2. HAZARDS IDENTIFICATION

Emergency Overview
Aerosol. CONTENTS UNDER PRESSURE

Appearance
Compressed liquefied gas.  
Physical state
Aerosol.

Odor
Solvent, Fruity

Potential Health Effects

Acute toxicity

Eyes
Contact may irritate or burn eyes. Eye contact may result in corneal injury.

Skin
Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Inhalation
Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

Ingestion
Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage.
Components of the product may be absorbed into the body by ingestion.

Chronic Effects
No known effect based on information supplied

Aggravated Medical Conditions
None known.

Environmental hazard
See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
</table>

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4. FIRST AID MEASURES

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Skin contact
Wash off with warm water and soap. Get medical attention if irritation develops and persists.

Inhalation
If symptoms develop move victim to fresh air. Oxygen or artificial respiration if needed. Call a physician if symptoms develop or persist.

Ingestion
If swallowed, immediately call a POISON CENTER or doctor/physician. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not induce vomiting without advice from poison control center.

Notes to physician
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties
Heat may cause the containers to explode. Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

Flash point
<156 °F <104.4 °C

Suitable Extinguishing Media
Water Fog, Foam, CO2 or Dry Chemical.

Explosion Data

Sensitivity to Mechanical Impact
none

Sensitivity to Static Discharge
none

Specific hazards arising from the chemical
Fire may produce irritating, corrosive and/or toxic gases.

Protective Equipment and Precautions for Firefighters
In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up.

NFPA
Health Hazard 0 Flammability 0 Stability 0 Physical and chemical hazards -

HMIS
Health Hazard 1 Flammability 4 Physical Hazard 0 Personal protection B

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Ensure adequate ventilation

Environmental precautions
Try to prevent the material from entering drains or water courses

Methods for Containment
Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk.
Methods for cleaning up

Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Advice on safe handling

Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not re-use empty containers. Do not get this material in contact with skin. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid prolonged exposure.

Technical measures/Storage conditions

Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat and sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Level 3 Aerosol.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Review Section 3 & 4 for Exposure Guidelines.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>STEL: 750 ppm TWA: 500 ppm</td>
<td>TWA: 1000 ppm TWA: 2400 mg/m³</td>
<td>IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m³</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 1000 ppm TWA: 1800 mg/m³</td>
<td>IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³</td>
</tr>
<tr>
<td>Methyl acetate 79-20-9</td>
<td>STEL: 250 ppm TWA: 200 ppm</td>
<td>TWA: 200 ppm TWA: 610 mg/m³</td>
<td>IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m³ STEL: 250 ppm STEL: 760 mg/m³</td>
</tr>
</tbody>
</table>

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment Institutional Environment

Eye/face protection: Safety glasses are suggested when using this product in heavy use and institutional environments.

Consumer Environments: Care should be taken to avoid Eye contact.

Skin and body protection: Impervious rubber, alkali-proof protective gloves

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures: Practice good personal hygiene. Wash after handling.

Personal Protective Equipment Industrial Environment

Eye/face protection: Splash-proof chemical goggles or face shield.

Skin and body protection: Impervious rubber, alkali-proof protective gloves, impervious rubber boots & apron.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures: Practice good personal hygiene. Wash after handling. Shower at end of work period. Practice good personal hygiene. Wash after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: Aerosol
<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Compressed liquefied gas.</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>colorless</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent Fruity</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>NA</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freezing Point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling point.boiling range</td>
<td>185 °C 365 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&lt;104.4 °C &lt;156 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosion Limits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lower</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>40-60 psig @ 70F</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>0.7552 g/cm³ estimated</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.7553</td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>negligible</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>9.2 Other information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Softening point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content(%)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Density VALUE</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk Density VALUE</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

**10. STABILITY AND REACTIVITY**

- **Stability**: Material is stable under normal conditions. Risk of ignition.
- **Incompatible products**: None known based on information supplied
- **Conditions to Avoid**: Heat, flames and sparks
- **Hazardous Decomposition Products**: None known based on information supplied
- **Hazardous Polymerization**: Hazardous polymerization does not occur

**11. TOXICOLOGICAL INFORMATION**

- **Acute toxicity**: Product does not present an acute toxicity hazard based on known or supplied information.
### Toxicity to microorganisms

- Naphtha (petroleum), hydrotreated heavy:
  - *Lepomis macrochirus mg/L* LC50 static 2.2: 96 h
  - *Oncorhynchus mykiss mg/L* LC50 static 45: 96 h
  - *Pimephales promelas mg/L* LC50 flow-through

- Propane:
  - 658 mg/L (Rat) 4 h

- Methyl acetate:
  - 5000 mg/kg (Rat) 4 h
  - 2000 mg/kg (Rat) 5000 mg/kg (Rabbit) 4 h
  - 16000 ppm (Rat) 4 h

### Chronic toxicity

**Target Organ Effects**

None known.

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Contains a substance which causes risk of hazardous effects to the environment.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>paraffinic, naphthenic solvent</td>
<td>2.2: 96 h <em>Lepomis macrochirus mg/L</em> LC50 static 2.4: 96 h <em>Oncorhynchus mykiss mg/L</em> LC50 static 45: 96 h <em>Pimephales promelas mg/L</em> LC50 flow-through</td>
<td></td>
<td>4720: 96 h <em>Dendronereides heteropoda mg/L</em> LC50</td>
<td></td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy</td>
<td>2200: 96 h <em>Pimephales promelas mg/L</em> LC50</td>
<td></td>
<td>2.6: 96 h <em>Chaetogammarus marinus mg/L</em> LC50</td>
<td></td>
</tr>
<tr>
<td>Acetone</td>
<td>4.74 - 6.33: 96 h <em>Oncorhynchus mykiss mL/L</em> LC50 6210 - 8120: 96 h <em>Pimephales promelas mg/L</em> LC50 static 8300: 96 h <em>Lepomis macrochirus mg/L</em> LC50</td>
<td></td>
<td>EC50 = 14500 mg/L 15 min</td>
<td>10294 - 17704: 48 h <em>Daphnia magna mg/L</em> EC50 12600 - 12700: 48 h <em>Daphnia magna mg/L</em> EC50</td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>120: 72 h <em>Desmodesmus subspicatus mg/L</em> EC50 250 - 350: 96 h <em>Brachydanio rerio mg/L</em> LC50 static 295 - 348: 96 h <em>Pimephales promelas mg/L</em> LC50 flow-through</td>
<td></td>
<td>EC50 = 6000 mg/L 16 h EC50 = 6100 mg/L 30 min</td>
<td>1026.7: 48 h <em>Daphnia magna mg/L</em> EC50</td>
</tr>
</tbody>
</table>

#### Chemical Name

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>0</td>
</tr>
<tr>
<td>Propane</td>
<td>2.3</td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>0.18</td>
</tr>
</tbody>
</table>

### 13. DISPOSAL CONSIDERATIONS

#### Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### Contaminated packaging

Do not re-use empty containers.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
</thead>
</table>
14. TRANSPORT INFORMATION

**Note**

UN1950, Consumer Commodity, ORM-D, 2.1, PG II

**Dot**

Regulated

**Proper shipping name**

UN1950, Consumer Commodity, ORM-D, 2.1, PG II

**Hazard class**

2.1

**UN/ID No**

UN1950

**Packing Group**

II

**TDG**

Not regulated

**MEX**

Not regulated

**ICAO**

Not regulated

**ICAO/IATA**

Not regulated

**IMDG / IMO**

Not regulated

**RID**

Not regulated

**ADR/RID**

Not regulated

**ADN**

Not regulated

15. REGULATORY INFORMATION

**International Inventories**

TSCA - TSCA

Complies

DSL - Complies

NDSL - Complies

EINECS - Complies

ELINCS - Complies

ENCS - Complies

IECSC - Complies

KECL - Complies

PICCS - Complies

AICS - Complies

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**
SARA 311/312 Hazard Categories

Acute Health Hazard  no  
Chronic Health Hazard  no  
Fire Hazard  no  
Sudden Release of Pressure Hazard  no  
Reactive Hazard  no  

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>5000 lb</td>
<td></td>
<td>RQ 5000 lb final RQ RQ 2270 kg final RQ</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

International Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td></td>
<td>Mexico: TWA 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: TWA 2400 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 1260 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 3000 mg/m³</td>
</tr>
<tr>
<td>Methyl acetate</td>
<td></td>
<td>Mexico: TWA 200 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: TWA 610 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 250 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 760 mg/m³</td>
</tr>
</tbody>
</table>

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION
Prepared By: Swisher Hygiene Inc.
4725 Piedmont Row Drive
Suite 400
Charlotte, NC 28210

Issuing date: 24-Oct-2011
Revision Date: 17-Apr-2012
Revision Note: No information available

Disclaimer:
The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Material Safety Data Sheet