



Revision Date 10/01/2018

# SAFETY DATA SHEET

REVISION NUMBER: 4

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** 104 STAKLEEN STAINLESS STEEL CLEANER

### Other means of identification

**Product code** 117659

**UN/ID No.** 1950

**Synonyms** None

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

**Recommended Use** Cleaning agent.

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Manufacturer Address**  
See Distributor information.

**Importer**  
Rochester Midland Canada Corporation  
143 Mills Road  
Ajax, ON L1S 2H2  
Canada  
905-619-6738

### Distributor

Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624 USA  
(585) 336-2200

### Emergency telephone number

**EMERGENCY TELEPHONE**  
INFOTRAC: 1-800-535-5053  
OUTSIDE U.S.: +1-352-323-3500  
CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

### Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)  
This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable Aerosols	Category 1

### Label elements

#### Emergency Overview

**DANGER**

### Hazard statements

Causes serious eye irritation  
May cause drowsiness or dizziness  
May be fatal if swallowed and enters airways

Extremely flammable aerosol



**Appearance** Clear Yellow

**Physical state** Aerosol Gas

**Odor** Citrus

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear eye/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Do not spray on an open flame or other ignition source  
 Pressurized container: Do not pierce or burn, even after use

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No information available

**Other Information**

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
Distillates, petroleum, hydrotreated light	64742-47-8	15 - 40	*
White mineral oil	8042-47-5	15 - 40	*
Acetone	67-64-1	10 - 30	*
Propane	74-98-6	10 - 30	*
Methyl acetate	79-20-9	3 - 7	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

**First aid measures**

**General advice** Immediately call a POISON CENTER or doctor/physician.

<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin contact</b>	IF ON SKIN: Wash with soap and water.
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Ingestion</b>	IF SWALLOWED: Call a poison control center or physician immediately. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

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

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical**

Pressurized container may explode when exposed to heat or flame.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move containers from fire area if you can do it without risk. Cool exposed containers with water spray. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible withdraw from area and let fire burn. In the event of fire and/or explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Evacuate personnel to safe areas. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate affected area.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information. Avoid release to the environment. Keep out of drains, sewers, streams, or other bodies of water.

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

**Methods for containment** Stop the flow of gas or remove cylinder to outdoor location if this can be done without risk. If leak is in container or container valve, contact the appropriate emergency telephone number in Section 1.

**Methods for cleaning up** After cleaning, flush away traces with water.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling**

Contents under pressure. Never pierce, drill, grind, cut, saw or weld any empty container. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. All equipment used when handling the product must be grounded. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Use personal protection recommended in Section 8. Wash thoroughly after handling.

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

**Storage Conditions**

Store locked up. Protect from sunlight. Store at temperatures not exceeding 50 °C/ 122 °F. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Store in a well ventilated area. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Incompatible materials**

Acids. Strong oxidizing agents. Nitrates.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH IDLH
White mineral oil 8042-47-5	TWA: 5 mg/m <sup>3</sup> inhalable fraction excluding metal working fluids, highly & severely refined	(vacated) TWA: 5 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	2500 mg/m <sup>3</sup>
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	(vacated) STEL: 2400 mg/m <sup>3</sup> The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup>	2500 ppm
Propane 74-98-6	TWA: 1000 ppm	(vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	2100 ppm
Methyl acetate 79-20-9	STEL: 250 ppm TWA: 200 ppm	(vacated) STEL: 250 ppm (vacated) STEL: 760 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 610 mg/m <sup>3</sup> TWA: 200 ppm TWA: 610 mg/m <sup>3</sup>	3100 ppm

**Appropriate engineering controls**

**ENGINEERING CONTROLS**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Safety glasses are recommended to minimize eye contact.

**Skin and body protection**

Chemical resistant gloves are recommended to minimize skin contact. Appropriate protective clothing as needed to prevent skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

**RESPIRATORY PROTECTION** Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Aerosol Gas	<b>Odor</b>	Citrus
<b>Appearance</b>	Clear Yellow	<b>Odor threshold</b>	No information available
<b>Color</b>	Light Yellow		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	Unknown		
<b>Melting point/freezing point</b>	No information available		
<b>Boiling point / boiling range</b>	3.47 °C / 38.25 °F		
<b>Flash point</b>	-104.4 °C / -156 °F	Estimated for propellant	
<b>Evaporation rate</b>	No information available		
<b>Flammability (solid, gas)</b>	No information available		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>	12%		
<b>Lower flammability limit:</b>	2.5%		
<b>Vapor pressure</b>	No information available		
<b>Vapor density</b>	No information available		
<b>Specific gravity</b>	0.765 - 0.865		
<b>Water solubility</b>	No information available		
<b>Solubility in other solvents</b>	No information available		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	263.1 °C / 505.58 °F		
<b>Decomposition temperature</b>	No information available		
<b>Kinematic viscosity</b>	No information available		
<b>Dynamic viscosity</b>	No information available		
<b>Explosive properties</b>	No information available		
<b>Oxidizing properties</b>	No information available		

### Other Information

<b>Softening point</b>	No information available
<b>VOC (EPA METH.24) (G/L):</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	No information available

## 10. STABILITY AND REACTIVITY

### REACTIVITY

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### CONDITIONS TO AVOID

Extremes of temperature and direct sunlight. Keep away from heat, sparks, and flame.

### Incompatible materials

Acids. Strong oxidizing agents. Nitrates.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	Serious eye damage/eye irritation.
<b>Inhalation</b>	Aspiration into lungs can produce severe lung damage. May cause drowsiness or dizziness.
<b>Eye contact</b>	Severely irritating to eyes.
<b>Skin contact</b>	Prolonged contact may lead to irritation and dermatitis.
<b>Ingestion</b>	HARMFUL - MAY CAUSE LUNG DAMAGE IF SWALLOWED.

PRODUCT COMPOSITION	Oral LD50	Dermal LD50	Inhalation LC50
Distillates, petroleum, hydrotreated light 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
White mineral oil 8042-47-5	> 5000 mg/kg ( Rat )	-	= 2062 ppm ( Rat ) 4 h
Acetone 67-64-1	-	-	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h
Propane 74-98-6	-	-	= 658 mg/L ( Rat ) 4 h
Methyl acetate 79-20-9	> 5000 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	= 16000 ppm ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

PRODUCT COMPOSITION	ACGIH	IARC	NTP	OSHA
White mineral oil 8042-47-5	A2	-	-	-

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 7735 mg/kg  
ATEmix (dermal) 3913 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

PRODUCT COMPOSITION	Algae/aquatic plants	Fish	Crustacea
Distillates, petroleum, hydrotreated light 64742-47-8	-	2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static	-

White mineral oil 8042-47-5	-	10000: 96 h Lepomis macrochirus mg/L LC50	-
Acetone 67-64-1	-	8300: 96 h Lepomis macrochirus mg/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50	12600 - 12700: 48 h Daphnia magna mg/L EC50 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static
Methyl acetate 79-20-9	120: 72 h Desmodemus subspicatus mg/L EC50	295 - 348: 96 h Pimephales promelas mg/L LC50 flow-through 250 - 350: 96 h Brachydanio rerio mg/L LC50 static	1026.7: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

PRODUCT COMPOSITION	Partition coefficient
White mineral oil 8042-47-5	6
Acetone 67-64-1	-0.24
Propane 74-98-6	2.8
Methyl acetate 79-20-9	0.18

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**14. TRANSPORT INFORMATION**

**DEPT. OF TRANSPORTATION**

**UN/ID No.** 1950  
**Proper shipping name** AEROSOLS, FLAMMABLE (each not exceeding 1 L capacity)  
**Hazard Class** 2.1  
**Description** 1 Liter (0.26 Gallons) and Less may be classed as LTD. QTY.

**TDG**

**UN/ID No.** 1950  
**Proper shipping name** AEROSOLS, FLAMMABLE (each not exceeding 1 L capacity)  
**Hazard Class** 2.1  
**Description** 1 Liter (0.26 Gallons) and Less may be classed as LTD. QTY.

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European 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

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>ACUTE HEALTH HAZARD</b>	YES
<b>CHRONIC HEALTH HAZARD</b>	YES
<b>FIRE HAZARD</b>	YES
<b>Sudden release of pressure hazard</b>	YES
<b>REACTIVE HAZARD</b>	No

**CWA (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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

PRODUCT COMPOSITION	Hazardous Substances RQs (in LBS)	U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
Acetone 67-64-1	5000	

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

PRODUCT COMPOSITION	NJRTK:	MARTK:	PARTK:
White mineral oil 8042-47-5		Listed	Listed



Acetone 67-64-1	0006	Listed	Listed
Propane 74-98-6	1594	Listed	Listed
Methyl acetate 79-20-9	1217	Listed	Listed

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

<b>16. OTHER INFORMATION</b>
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**NFPA**

Health hazards 2

Flammability 4

Instability 0

Physical and Chemical Properties -

**HMIS**

Health hazards 2

Flammability 4

Physical hazards 0

Personal protection B

Revision Date 10/01/2018

**Revision Note**

Minor revisions for Canadian GHS compliance.

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**\*\*\* END OF SDS \*\*\***