



Safety Data Sheet

Issue Date: 15-Mar-2018

Revision Date: 04-Apr-2018

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Micro Coil Clean

Other means of identification

SDS # GOOD-008-CA

Product Code SC-MCC-RTU
Synonyms Aerosol cleaning product

UN/ID No UN1950

Recommended use of the chemical and restrictions on use

Recommended Use Alkaline coil cleaner

Uses Advised Against No information available

Details of the supplier of the safety data sheet

Initial Supplier Identifier

SpeedClean - Unit #1160
2600 Boul Matte
Brossard, QC J4Y 2P6, Canada
www.speedclean.com

Manufacturer Address

SpeedClean
P.O. Box 110301
Stamford, CT 06911-0301
www.speedclean.com

Emergency Telephone Number

Initial supplier phone number Please enter Initial Suppliers Phone Number here
Emergency Telephone (24 hr) Chemtrec 1-800-424-9300 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear, pale yellow liquid **Physical state** Liquid **Odour** Mild

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Gases under pressure	Compressed Gas

Label Elements

Signal word

Danger

Hazard statements

Causes skin irritation
Causes serious eye damage
Contains gas under pressure; may explode if heated

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTRE or doctor
IF ON SKIN: Wash with plenty of water and soap
Take off all contaminated clothing and wash it before reuse
If skin irritation occurs: Get medical advice/attention

Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place

Other Information

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture**Synonyms**

Aerosol cleaning product.

Chemical Name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Alcohol Ethoxylate	68439-46-3	5	-	-
Sodium metasilicate	6834-92-0	4	-	-
Tetrasodium EDTA	64-02-8	3	-	-

4. FIRST AID MEASURES

First Aid Measures**Eye contact**

Immediately flush eyes with large amounts of water for 15 minutes, occasionally lifting the upper and lower lids. Remove contact lenses, if present and easy to do, after the first 2 minutes and continue rinsing. Seek immediate medical attention, preferably from an ophthalmologist.

Skin contact

Wash affected area with soap and water. Wash contaminated clothing and shoes thoroughly before reuse. Seek medical attention if irritation persists, if rash develops or if you feel unwell.

Inhalation

If product vapor, mist or spray cause respiratory irritation or distress, move the exposed person to fresh air immediately. If breathing is difficult or irregular, administer oxygen; if respiratory arrest occurs, start artificial respiration by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. If symptoms persist, seek medical attention immediately.

Ingestion Rinse mouth with water if victim is conscious. Remove dentures, if present. Give 1-2 cupfuls of milk or water to drink if the victim is conscious, alert and able to swallow. Do not induce vomiting unless directed to do so by medical personnel. Do not leave victim unattended. Vomiting may occur spontaneously. If vomiting occurs and the victim is conscious, give water to further dilute material. Never give anything by mouth to an unconscious or convulsing person. Get medical attention immediately.

Most important symptoms and effects

Symptoms Eyes: Causes moderate to severe eye irritation with redness, pain, tearing, swelling and possible blurred vision. Skin: May cause mild to moderate skin irritation. Repeated and prolonged use may result in drying or cracking of the skin or dermatitis. Inhalation: Inhalation of vapor, mist or spray may cause irritation of the respiratory tract with nasal irritation, sore throat and cough. Vapor or fumes can cause central nervous system depression. Adverse symptoms include nausea, vomiting, headache, drowsiness, dizziness, fatigue, vertigo and unconsciousness. Ingestion: May cause gastrointestinal irritation with nausea, vomiting, abdominal cramps and diarrhea. Chronic: Prolonged and repeated contact with unprotected skin may result in drying or cracking of skin and dermatitis.

Indication of any immediate medical attention and special treatment needed

Note to doctors The exposed person may need to be kept under medical observation for 48 hours. Treat symptomatically and supportively.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical Contents under pressure (130 psi). Closed containers may explode due to the buildup of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent or may be delayed. Obtain medical attention. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C (122DEGF). Do not pierce, crush or burn containers, even if empty.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear appropriate protective clothing designated in Section 8. Ventilate the area. Avoid handling of damaged cans, especially if leaking.

Environmental precautions

Environmental precautions Avoid dispersal of spilled material or runoff and prevent contact with soil and entry into drains, sewers or waterways.

Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Puddles may form when using this product. Cover drains and contain spill. Cover with a large quantity of inert absorbent. Do not use combustible material such as sawdust. Collect product and place into an approved container for proper disposal. Observe possible material restrictions. Dispose of waste in accordance with national and local regulations. Clean contaminated area with soap and water.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on an open flame or other ignition source. Do not smoke while using this product. Do not cut, weld, solder, drill, grind or expose containers to heat or other sources of ignition. Do not reuse empty containers. Do not get product in eyes, on skin or clothing. Avoid prolonged exposure to vapor, mist or spray. Use only outdoors or in well-ventilated areas. Wear all appropriate protective equipment specified in section 8. Observe good, industrial hygiene practices.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Contents under pressure. Store away from direct sunlight in cool, dry, ventilated storage areas. Do not expose to heat or store at temperatures above 50°C (122°F) as cans may burst or explode. Do not puncture, incinerate or crust containers. Do not handle or store near an open flame, heat or other sources of ignition. Protect containers from physical damage. Store away from incompatible materials, food and drink. Use appropriate containment to avoid environmental contamination. Ventilate closed areas. Do not take internally. Keep out of reach of children.
Incompatible materials	Strong oxidising agents Strong reducing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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Appropriate engineering controls

Engineering controls	Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Use adequate ventilation. Local exhaust is preferable.
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Individual protection measures, such as personal protective equipment

Eye/face protection	Wear protective eyeglasses or chemical safety goggles.
Skin and body protection	Wear rubber gloves that are chemically resistant to this product. Protective clothing. Protective boots, if the situation requires.
Respiratory protection	None required with normal use. Always use an approved respirator when vapor/aerosols are generated.

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

Physical state	Liquid
Appearance	Clear, pale yellow liquid
Colour	Pale yellow
Odour	Mild
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11.48 +/- 0.05	
Melting point / freezing point	0 °C / 32 °F	
Boiling Point / Boiling Range	100 °C / 212 °F	
Flash Point	No data available	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper Flammability Limit	Not determined	
Lower Flammability Limit	Not determined	
Vapour Pressure	Not determined	
Vapour Density	Not determined	
Relative Density	1.0013-1.0023	
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive properties	No information available.	
Oxidising properties	No information available.	

Other Information

Softening Point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk Density	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerisation	Will not occur.
Conditions to Avoid	Extreme temperatures. Incompatible Materials.
Incompatible Materials	Strong oxidising agents. Strong reducing agents.
Hazardous Decomposition Products	Thermal decomposition products include oxides of carbon, oxides of nitrogen, oxides of sulfur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye contact	Avoid contact with eyes.
Skin contact	Avoid contact with skin.
Inhalation	Do not inhale.
Ingestion	Do not ingest.

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Numerical measures of toxicity

Acute Toxicity

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

ATEmix (oral)	7,635.00
ATEmix (dermal)	40,040.00

Unknown acute toxicity No information available

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohol Ethoxylate 68439-46-3	= 1378 mg/kg (Rat) = 1400 mg/kg (Rat)	> 2 g/kg (Rabbit)	-
Sodium metasilicate 6834-92-0	= 1153 mg/kg (Rat)	-	-
Tetrasodium EDTA 64-02-8	= 10 g/kg (Rat) = 1658 mg/kg (Rat)	-	-

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

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye damage.
Carcinogenicity	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Harmful to aquatic life with long lasting effects.
Persistence/Degradability	No information available.
Bioaccumulation	No information available.
Other Adverse Effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

14. TRANSPORT INFORMATION

DOT

UN/ID No	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.2

TDG

UN/ID No	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.2

IATA

UN/ID No	UN1950
Proper Shipping Name	Aerosols, non-flammable
Hazard Class	2.2

IMDG

UN/ID No	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.2

15. REGULATORY INFORMATION

REGULATORY INFORMATION

International Regulations

Ozone-depleting substances (ODS)	Not applicable
Persistent Organic Pollutants	Not applicable
Export Notification requirements	Not applicable

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Alcohol Ethoxylate	X	X			X	X	X	X
Sodium metasilicate	X	X	X	X	X	X	X	X
Tetrasodium EDTA	X	X	X	X	X	X	X	X

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

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health Hazards 1	Flammability 0	Instability 0	Special Hazards Not determined
HMIS	Health Hazards 1	Flammability 0	Physical hazards 0	Personal Protection B

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)

STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

* Skin designation

Issue Date: 15-Mar-2018**Revision Date:** 04-Apr-2018**Revision Note:** No information available.**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 Safety Data Sheet