

Section 1	Identification of the mixture and of the Company		
1.1	Product identifier		
	Product Name	CeraSulfur	
	Synonyms	n/a	
1.2	Relevant identified uses of the mixture and uses advised against		
	Use of the product	Fungicide	
	Uses advised against	N/A	
1.3	Details of the supplier of the Safety Data Sheet		
	Manufacturer	Ceradis B.V	
	Address	Agro Business Park 10 6708 PW Wageningen, The Netherlands	
	Supplier	Andermatt Canada Inc.	
	Address	1350 Regent Street Fredericton, New Brunswick Canada E3C 2G6	
	Phone	+1 (506) 444-5690	
	E-mail	info@anderstattcanada.ca	
1.4	Emergency Telephone Number		
	Phone (medical)	1-888-870-6444	

Section 2	Hazards Identification		
2.1	Classification of the mixture	R38: Irritant (Irritating to Skin)	
2.2	Label elements	<p>Contains mixture of: 5-chloro-2-methyl-4isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one. May cause an allergic reaction</p> <p>IN THE CASE OF EYE CONTACT: Rinse cautiously with water for several minutes. Removing existing contact lenses if possible. Continue rinsing.</p> <p>Keep out of the reach of children.</p> <p>Store locked up.</p> <p>To avoid risks to human health and the environment, comply with the instructions for use.</p> <p>Potential Sensitizer; do not breath dust</p> <p>CAUTION – Skin irritant</p>	
2.3	Other hazards	<p>This mixture does not contain any substances, which are persistent, bioaccumulative and toxic (PBT).</p> <p>This mixture does not contain any substance which are very persistent, and bioaccumulative (vPvB).</p>	

Section 3	Composition/Information on Ingredients		
3.1	Substances	This product is a mixture	
3.2	Mixtures	<p>Sulfur CAS No. 7704-34-9 40-50%</p> <p>Sulfonated aromatic polymer, sodium salt 1-10%</p>	<p>R38 Classification</p> <p>R36 Classification</p>

Poly (oxy-1,2-ethanediyl)- α -[2,4,6-tris(phenylethyl)phenyl]- ω -hydroxy-

CAS No. 99734-09-5 1-10% R52/53 Classification

Mono ethylene glycol (Ethane-1,2-diol particulate

CAS No. 107-21-1 0-0.5% R22 Classification

Section 4 First Aid Measures

4.1 Description of first aid measures

General Notes	Change any contaminated or wetted clothing at once. If poisoning occurs contact a doctor.
Following Inhalation	Move to fresh air, rest, half upright position, loosen clothing. Oxygen or artificial respiration if there is difficulty in breathing. Seek medical advice after significant exposure. Treat symptomatically is advised.
Following skin contact	Remove contaminated clothing. Seek medical advice if irritation develops. Wash clothes before reuse. After contact with skin, wash immediately with plenty of water.
Following eye contact	Rinse thoroughly with plenty of water for several minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing.
Following ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.
Advice to physician	Treat symptomatically

4.2 Most important symptoms and effect, both acute and delayed

No typical symptoms and effects known.

4.3 Indication of any immediate medical attention and special treatment needed.

None

Section 5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon oxides

Unsuitable extinguishing media None

5.2 Special hazards arising from the mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

Wear suitable respiratory equipment when necessary.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use protective clothing, gloves, safety goggles and boots. Do not inhale and ensure adequate ventilation of the working area.

6.2 Environmental precautions

Prevent entry into drains, waters, sewages, etc. of the product; contact immediately the municipal technical management if the product enters such bodies.

6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

See personal protective equipment under Section 8 of SDS.

Section 7 Handling and Storage

7.1 Precautions for safe handling

The usual precautions for handling chemicals should be observed. Avoid contact with eyes and skin. Ensure adequate ventilation when handling. Respiratory protection is recommended.

7.2 Conditions for safe storage, including any incompatibilities

Must be stored under cool, dry conditions in a well ventilated area. Store in correctly labelled containers.

7.3 Specific end use(s)

Fungicide

Section 8 Exposure controls/personal protection

8.1 Control parameter

The usual precautionary measures for handling chemicals should be observed. Provide adequate ventilation.

8.2 Exposure controls

Eye/Face Protection

Use goggles or a face shield

Skin Protection

Use Protective Clothing

Respirator Protection

A NIOSH approved mist filtering mask or respirator with any N-95, P-95 or R-95 filter.

Thermal Hazards

No specific recommendations

Other information

None

Section 9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical State

Suspension Concentrate (SC)

Color

Yellow

Odor

Characteristic

Odor Threshold

Not determined

pH

8-10

Melting point/freezing point

Not available

Initial boiling point and boiling range

Not applicable

Flash Point

Not flammable

Evaporation Rate

Not determined

Flammability

Not flammable

Upper/Lower flammability or explosive limits

Not flammable

Vapor Pressure

Not applicable

Vapor Density

Not relevant

Relative Density

1400-1420 g/L

Solubility(ies)

Miscible in water

Partition coefficient: n-

Not applicable

cotanol/water	
Auto-ignition temperature	Not available
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive Properties	Non explosive
Oxidising properties	Not determined

9.2 Other Information

None

Section 10 Stability and Reactivity

10.1 Reactivity

Not reactive

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

None relevant

10.4 Conditions to avoid

Avoid very low or very high temperatures.

10.5 Incompatible materials

n/a

10.6 Hazardous decomposition products

None

Section 11 Toxicological Information

11.1 Information of toxicological effects

Acute toxicity	>2000mg/kg b.w.
Skin corrosion/irritation	>2000mg/kg b.w.
Serious eye damage/irritation	Not determined
Respiratory or skin sensitization	5.43mg/L
Germ cell mutagenicity	Not determined
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not existing
STOT-repeated exposure	Not existing
Aspiration hazard	Not relevant

Section 12 Ecological Information

12.1 Toxicity

Acute (short-term) toxicity

Fish	>0.063 mg/L
Crustacea	Not determined
Algae/aquatic plants	0.002 mg/L
Other organisms	Daphnia: >0.063mg/L

Chronic (long-term) toxicity

Fish	Not determined
Crustacea	Not determined

	Algae/aquatic plants	Not determined
	Other organisms	Not determined
12.2	Persistence and degradability	
	Abiotic Degradation	Not determined
	Physical and photo-chemical elimination	Not determined
	Biodegradation	Biodegradables
12.3	Bioaccumulative potential	
	Octanol/water partition coefficient (Kow)	Not determined
	Bioconcentration factor (BCF)	Not determined
12.4	Mobility in Soil	
	Known or predicted distribution to environmental compartments	Not determined
	Surface tension	Not determined
	Absorption/desorption	Not determined
12.5	Results of PBT and vPvB assessment	
		This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
12.6	Other adverse effects	
		None
12.7	Additional information	
		n/a
Section 13	Disposal considerations	
13.1	Waste treatment methods	
	Product/Packaging disposal	Triple-or pressure rinse the empty container. Add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for use. Dispose of the container in accordance with provincial regulations. For information on disposal of unused, unwanted product, contact the supplier or the provincial regulatory agency. Contact the supplier or the provincial regulatory agency in cause of a spill, and for clean-up of spills.
	Waste codes/waste designations according to LoW	Not applicable
	Waste treatment-relevant information	None
	Sewage disposal-relevant information	Waste should not be disposed of by release to sewers
	Other disposal Recommendations	None

Section 14 Transport Information

Inland Transportation	Not restricted
Sea Transportation	Not restricted
Air Transportation	Not restricted

Section 15 Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the mixture

Authorizations	Not relevant
Restrictions on use	Not relevant

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

Section 16 Other Information

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for their special use of this product.

Indication of Changes

Date of Review
Composed by

March 8, 2021
Laura Forbes, International Business and Regulatory Affairs Manager
Andermatt Canada Inc.