

Swiss Solutions Rust Converter Material Safety Data Sheet.**1 – Product and Company Information**

Product Name	Swiss Solutions Rust Converter
Manufacturer/supplier	Swiss Solutions Jade 300 3316 LJ Dordrecht
Phone	+31 85 27 32 216

Version 2019

2 – Composition / Data on components

Description	Swiss Solutions Rust Converter is based on a polymeric formula that converts existing rust into a moist protective coating. It not only eliminates existing rust, but also inhibits the possibility of future rust formation.
Components	Polymer (Co Polymer of Butyly acrylate & Styrene Latex): CAS No.; N/A == 30% approx. Emulsifier: Non- ion phenol condensate == 1% Reducing agent: Diammonium hydrogen phosphate - CAS No. 7728- 28-0 == 2% Thickener - Sodium salt of acrylate == 6% Tannic acid: CAS No.; 1401-55-4 = 2 to 6% Stabilizer: CAS No.; 7727-21-1 == 1% Balance water

3 – Hazards identification

Special indication of hazards to humans and the environment.	This product does not contain any substances classified as hazourdous under current regulations.
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4 – First Aid measures

General information	Immediately remove any clothing soiled by the product.
After inhalation	Take affected persons into fresh air and position comfortably.
After skin contact	Wash immediately with water and soap and rinse thoroughly
After eye contact	Immediately flush eyes with copius amount of water for at least 15 minutes. Seek medical advise
After ingestion	Immediately rinse mouth with plenty of water. Seek medical advise.

5 – Fire fighting measures

Suitable extinguishing agents	Dry powder, foam, carbon dioxide, dry sand etc.
Special risks	Not applicable
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

6 – Accidental release measures

Personal precautions	Wear proppropriate clothing Ensure adequate ventilation
Environmental precautions	Do not allow product to enter drainage systems or water courses Do not allow product to enter the ground / soil.
Clean up methods	Contain and absorb using an inert material. Transfer into suitable containers for disposal Clean affected area with soap and water.

7 – Handling and Storage

Handling	Use only in well ventilated areas. Exposure should be minimized by following good industrial practice.
Storage	Store cool and dry in tightly closed containers Avoid heating above 50°C Do not store below 15°C

8 – Exposure controls and personal protection

Engineering controls	Follow good industrial practice wear appropriate protective clothing
General hygiene	Follow good industrial practice wear appropriate protective clothing Wash contaminated clothing before re-use
Exposure limits	This product does not contain any substances classified as hazardous under current regulations.
Personal protective equipment Respiratory protection Hand protection Eye protection	Government approved respirator Compatible chemical resistant gloves Chemical safety goggles

9 – Physical and Chemical properties

Appearance	Semi paste
Colour	Buff colour
Odour	Characteristic
pH	6-7
Specific gravity	1 g/cm ³
Flash point	Non flammable
Melting point/melting range	NA
Boiling point/boiling range	NA
Ignition Temperature	NA
Danger of explosion	Product is not explosive
Vapour pressure	NA
Solubility in / miscibility with water	Miscible

10 – Stability and reactivity

Stability	Stable under normal conditions
Conditions to avoid	No decomposition if used according to specifications
Material to avoid	None if used properly
Hazardous decomposition products	None known

11 – Toxicological information

On the skin	Non irritant
Eye irritation	Not eye irritant
Sensitisation	No sensitising effect known

12 – Ecological information

Water hazard class 1	The product may be harmful to aquatic organisms (5% aqueous solutions are harmful to aquatic organisms)
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13 – Disposal

Product	Official regulations must be observed Arrange for disposal via licensed waste contractor
Container	Official regulations must be observed Empty packaging should be removed by licensed
Cleaning agent	Containers should be cleaned and reused or disposed of in the official manner. Clean, if necessary with water and common detergent.

14 – Transport information

UN Number	Not classified as hazardous
UN Class	Not listed

15 – Regulatory information

Designation according to EC guidelines	The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials. Materials Observe normal safety precautions for handling chemicals.
Risk phrases	R36; R52
Safety phrases	S2; S3; S4; S7; S8; S13; S15; S36; S39; S46; S47; S18; S20; S21; S25; S26; S27; S28; S29
The following are considered advisory	Wear suitable protective clothing when handling product and follow good industrial practice. Keep out of the reach of children. In case of contact rinse immediately with plenty of water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Avoid release into the environment.

16 – Other information

	<p>The above information is believed to be correct but should not be considered as all-inclusive and should be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to the appropriate safety precautions. It does not represent any guarantee of the product neither does it constitute a guarantee for any specific product features nor does it establish a legally valid contractual relationship.</p> <p>Neither Swiss Solutions, nor any of its associated companies shall be held liable for any damage resulting from handling or from contact with above product.</p>
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Issued by: Product Safety, Swiss Solutions

