

# SAFETY DATA SHEET

Prepared according to USA OSHA Hazcom 2012 / Canada WHMIS 2015



Date Prepared : 11/09/2015

SDS No : Rust Check Enviro Rust Wash - 11004 1L\_ENG

Date Revised : 11/28/2017

Revision No : 1

## 11004 RUST CHECK ENVIRO RUST WASH Safe Rust Remover

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 11004 RUST CHECK ENVIRO RUST WASH Safe Rust Remover

**Product Description:** Rust Remover, Water-Based, 1 L / 1.06 qt

**General Use:** Rust Remover

**Product Stock/Code:** 11004

**Chemical Family:** Water-based Rust Remover / Décapant à rouille à base d'eau

**Molecular Formula:** Mixture / Mélange

#### Manufacturer / Supplier

Rust Check Corporation  
6175 Danville Road, Mississauga  
Ontario, Canada L5T 2H7  
**Customer Service:** 905-670-5411

#### Emergency Telephone Numbers (24 hour)

CANUTEC : (613) 996-6666  
CHEMTREC : (800) 424-9300

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2012) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2015). This information may be different from the actual product label information for labels that are regulated by other agencies.

#### Health hazards:

Not classified

#### Physical hazards:

Not classified

#### Label elements

**Signal Word:** Not applicable.

#### Hazard statement(s)

NA: Not applicable.

**Hazards Not Otherwise Classified:** No data available.

#### Emergency Overview

**Immediate concerns:** Slightly irritating to the eyes. Prolonged and repeated contact with the eyes may produce a slight transient irritation. Substance does not generally irritate and is only mildly irritating to the skin. Prolonged and repeated skin contact may lead to slight transient irritation in sensitive individuals.

**Comments:** See sections 9 and 10 for more detailed information on physicochemical effects.

See section 11 for more detailed information on health effects.

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See sections 12 for more detailed information on environmental effects.

This product is a consumer product and is labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations which take precedence over Canadian WHMIS 2015 and OSHA Hazcom 2012 Hazard Communication labeling. The actual container label will not include the above label elements. The labeling above applies to products used solely for industrial / professional use.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS number
Water (non-hazardous ingredient)	85 - 88	7732-18-5
Disodium ethylenediaminetetraacetate	3.5 - 4	139-33-3

**Comments:** There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section.

### 4. FIRST AID MEASURES

**Eye Contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention, if irritation persists.

**Skin Contact:** Not expected to present a significant skin hazard under anticipated conditions of use. Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** Do not induce vomiting. Rinse mouth with water. Give 1 to 2 glasses of water to drink. Ingestion unlikely. If large quantity swallowed, obtain medical attention.

**Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

#### Signs and Symptoms of Overexposure

**Eye Contact:** Mildly irritating to the eyes. Prolonged and repeated contact with the eyes may produce a slight transient irritation. Symptoms may include tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

**Skin Contact:** Substance does not generally irritate and is only mildly irritating to the skin. Prolonged or repeated contact may cause slight skin irritation.

**Ingestion:** May cause irritation. Symptoms of ingestion may include abdominal pain, nausea, vomiting and diarrhea.

**Inhalation:** At room temperature, exposure to vapor is minimal due to low volatility.

**Additional Information:** No data available.

### 5. FIRE FIGHTING MEASURES

**Flammable Properties:** Material will not burn.

**Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Hazardous Combustion Products:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Fire Fighting Procedures:** Containers can build up pressure if exposed to heat (fire).

**Fire Fighting Equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**Sensitivity to Static Discharge:** Product is not sensitive to static discharge.

**Sensitivity to Mechanical Impact:** Product is not sensitive to mechanical impact.

**6. ACCIDENTAL RELEASE MEASURES**

**Small Spill:** Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly. Avoid contact with eyes, skin, and clothing.

**Environmental Precautions**

**Water Spill:** Do not flush to sewer.

**Land Spill:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Special Protective Equipment:** Clean up spills immediately, observing precautions in Protective Equipment section 8.

**7. HANDLING AND STORAGE**

**General Procedures:** Handle in accordance with good industrial hygiene and safety practices.

**Handling:** Avoid contact with eyes. Wear recommended personal protective equipment. After handling, always wash hands thoroughly with soap and water.

**Storage:** Keep from freezing. Protect from physical damage. Keep containers tightly closed, when not in use. Store in a cool place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

OSHA / WHMIS 2015 HAZARDOUS COMPONENTS				
Chemical Name	Occupational Exposure Limits			mg/m <sup>3</sup>
	Type		ppm	
Disodium ethylenediaminetetraacetate	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[1]	[1]
	Supplier OEL	TWA	[1]	[1]
<b>Footnotes:</b>				
1. NL: This material does not have established exposure limits.				

**Engineering Controls:** No special ventilation requirements.

**Personal Protective Equipment**

**Eyes and Face:** Wear safety glasses with side shields.

**Skin Contact:** Wear chemical resistant gloves. Avoid prolonged or repeated contact with skin.

**Respiratory:** Not Applicable

**Protective Clothing:** Generally not required.

**Work Hygienic Practices:** Handle in accordance with good industrial hygiene and safety practices. Wash hands thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State** : Liquid  
**Odor** : None  
**Odor Threshold** : No data available.

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<b>Appearance</b>	: Mobile liquid
<b>Color</b>	: Green
<b>pH</b>	: 3.8 to 4.5
<b>% Volatiles</b>	: 85 to 88 % w/w
<b>Flash Point and Method</b>	: > 100°C (212°F) Closed Cup
<b>Flammable Limits</b>	: No data available.
<b>Autoignition Temperature</b>	: No data available.
<b>Vapor Pressure</b>	: No data available.
<b>Vapor Density</b>	: No data available.
<b>Boiling Point</b>	: 100°C (212°F)
<b>Freezing Point</b>	: < 0°C (32°F)
<b>Melting Point</b>	: Not Applicable
<b>Solubility in Water</b>	: Soluble
<b>Evaporation Rate (n-butyl acetate = 1)</b>	: No data available.
<b>Density</b>	: 1.07±0.03g/ml at 20°C
<b>Viscosity</b>	: No data available.
<b>VOC Content</b>	: 0 g/l (0 lb/gal), less exempt solvents
<b>Oxidizing Properties</b>	: None

### 10. STABILITY AND REACTIVITY

**Reactive Hazard** : No

**Hazardous Polymerization:** Not expected to occur.

**Stability:** Stable.

**Conditions to Avoid:** No conditions known that should be avoided.

**Possibility of Hazardous Reactions:** No data available.

**Hazardous Decomposition Products:** By fire and high heat: Carbon monoxide, Carbon dioxide, Oxides of nitrogen and other undetermined compounds.

**Incompatible Materials:** Oxidizing materials.

### 11. TOXICOLOGICAL INFORMATION

#### Acute Toxicity

Chemical Name	Oral LD <sub>50</sub> mg/kg (rat)	Dermal LD <sub>50</sub> mg/kg (rabbit)	Inhalation LC <sub>50</sub> mg/l
Disodium ethylenediaminetetraacetate	3700 (rat) 2000 (rat) 2050 (mouse) 2300 (rbt)	No data available.	1.13 (rat; 7h-dust) (no deaths)

**Acute Toxicity - Dermal LD<sub>50</sub>:** Based on available ingredient data, the classification criteria for Acute Dermal

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Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

**Acute Toxicity - Oral LD<sub>50</sub>:** Based on available ingredient data, the classification criteria for Acute Oral Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

**Acute Toxicity - Inhalation LC<sub>50</sub>:** At room temperature, exposure to vapor is minimal due to low volatility. An estimate based on component information. Not classified.

**Notes:** < 5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity.  
No additional toxicology information is available for this product itself. (See Component Toxicity Information).

**Respiratory / Skin Sensitizer:** Based on available data, the classification criteria for skin/respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a skin sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a skin/respiratory sensitizer, sub-category 1B).

**Germ Cell Mutagenicity:** Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

### Carcinogenicity

Chemical Name	NTP status	IARC status	OSHA status	Other
Disodium ethylenediaminetetraacetate	--	--	--	--

**Notes:** Based on available data, the classification criteria for Carcinogenicity are not met for this mixture (< 0.1% ingredients classified as a Carcinogen, category 1 or 2).

**Reproductive Toxicity:** Based on available data, the classification criteria for Reproductive Toxicity are not met for this mixture (< 0.1% ingredients classified as Reproductive Toxicity, category 1 or 2).

**Specific Target Organ Toxicity - Single Exposure:** Based on available data, the classification criteria for Specific Target Organ Toxicity - Single Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 1 or 2 and < 20% summation of all ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 3).

**Specific Target Organ Toxicity - Repeated Exposure:** Based on available data, the classification criteria for Specific Target Organ Toxicity - Repeated Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Repeated Exposure, category 1 or 2).

**Aspiration Hazard:** Based on available data, the classification criteria for Aspiration Hazard are not met for this mixture (< 10% ingredients classified as an Aspiration Hazard, category 1 and/or mixture viscosity > 20.5 mm<sup>2</sup>/s at 40 °C).

## 12. ECOLOGICAL INFORMATION

**Environmental Data:** No data available.

**Ecotoxicological Information:** No data available.

**Bioaccumulation/Accumulation:** No data available.

**Distribution:** No data available.

**Aquatic Toxicity (Acute):** No data available.

**Chemical Fate Information:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Method:** Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal.

**Product Disposal:** Empty containers retain product residue; observe all precautions for product. Decontaminate containers prior to disposal.

**14. TRANSPORT INFORMATION**

**DOT (Department of Transportation)**

**Proper Shipping Name** : This product is not regulated.

**Primary Hazard Class/Division:** N/A

**UN/NA Number** : N/A

**Packing Group** : N/A

**Marine Pollutant** : No

**Other Shipping Information:** No data available.

**Vessel (IMO/IMDG)**

**Shipping Name** : This product is not regulated.

**UN/NA Number** : N/A

**Primary Hazard Class/Division:** N/A

**Packing Group** : N/A

**Marine Pollutant** : No

**Note:** No data available.

**Canadian Transportation of Dangerous Goods Regulations**

**Shipping Name** : This product is not regulated.

**UN/NA Number** : N/A

**Primary Hazard Class/Division:** N/A

**Packing Group** : N/A

**TDG Note:** No data available.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA Section 311/312 Hazard Categories**

**Fire Hazard** : No

**Sudden Release of Pressure** : No

**Reactive Hazard** : No

**Product Acute Toxicity** : No

**Product Chronic Toxicity** : No

**EPCRA Section 313 Toxic Chemicals:**

This product does not contain any listed toxic chemicals that exceed the threshold reporting levels established by SARA Title III, Section 313.

**EPCRA Section 302 Extremely Hazardous Substances**

**EPCRA Status:**

This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

**CERCLA Hazardous Substances and Reportable Quantities (RQ)**

**CERCLA Status:**

This product contains no CERCLA listed hazardous substances.

**TSCA (The Toxic Substances Control Act)**

**TSCA Status:**

All components are included or are otherwise exempt from inclusion on this inventory.

**CAA 112(b) - Hazardous Air Pollutants**

**CAA 112(r) - List of Substances for Accidental Release Prevention:**

This product contains no chemicals subject to CAA 112(b) or CAA 112(r).

**California Proposition 65:**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**OSHA Hazard Communication Standard (29 CFR 1910.1200):**

OSHA Status: Non-Hazardous Product (See Section 2 for details).

This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required by the OSHA Hazard Communication Standard (HazCom 2012).

**CANADA**

**WHMIS Hazard Symbol and Classification**

See Section 2 for details.

**WHMIS Regulatory Status:**

This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

**WHMIS Classification:**

WHMIS 2015 (Canada) Status: Non-Hazardous Product (See Section 2 for details).

**CEPA - National Pollutant Release Inventory (NPRI):**

This product contains no chemicals subject to CEPA - NPRI.

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):**

All components are included or are otherwise exempt from inclusion on this inventory.

**Comments** VOC Content -- See section 9.

**16. OTHER INFORMATION**

**Reason for Issue:** NEW

**Approved By:** Jim Gordon      **Title:** R&D Chemist / Chemiste de R&D

**Prepared By :** Regulatory Compliance / Conformité réglementaire      **Date Revised:** 11/28/2017

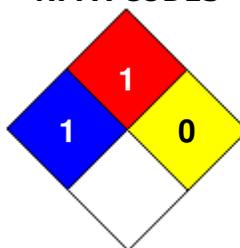
**Information Contact:** 905-670-5411

**Revision Summary:** This MSDS replaces the 11/26/2015 MSDS. Revised: **Section 2:** Hazards Not Otherwise Classified, Hazards Not Otherwise Classified. **Section 11:** Product Acute Toxicity ( Oral LD<sub>50</sub> mg/kg(rat), Inhalation LC<sub>50</sub> mg/l ), Eye Irritation / Serious Eye Damage, Skin Irritation / Corrosion.

**HMIS RATING**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	1
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	A

**NFPA CODES**



**NFPA 30 / 30B Storage Classification:** Combustible Liquid IIIB

**Manufacturer Supplemental Notes:** None

**Data Sources:** Not Available

**Additional SDS Information:**

- N/AV Not Available
- N/AP Not Applicable
- ND Not yet determined
- ACGIH American Conference of Governmental Industrial Hygienists
- CAA The Clean Air Act
- CCCR The Consumer Chemicals and Containers Regulations
- CEPA The Canadian Environmental Protection Act
- CERCLA Comprehensive Environmental Response, Compensation, and Liability Act
- EPCRA The Emergency Planning and Community Right-To-Know Act
- IARC International Agency for Research on Cancer
- MSHA Mine Safety and Health Administration
- NIOSH National Institute for Occupational Safety and Health
- NTP National Toxicology Program
- OSHA The Occupational Safety and Health Administration
- SARA The Superfund Amendments and Reauthorization Act
- WHMIS Workplace Hazardous Materials Information System

**General Statements:** No data available.

**Comments:** None

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