



## SAFETY DATA SHEET Dry Coat RP

### 1. Identification

#### Product identifier

**Product Name** Dry Coat RP

#### Other means of identification

**SDS #** APPAC-007-MX

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

**Recommended Use** Water Based Rust Inhibitor

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

##### **Manufacturer Address**

Armor Protective Packaging  
1551 North Burkhart Rd  
Howell, MI 48855  
Phone: 1-517-546-1117  
Fax: 1-517-546-6434

#### Emergency telephone number

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

### 2. Hazard(s) identification

#### Classification

This chemical does not meet the hazardous criteria set forth by the NOM-018-STPS-2015, Harmonized System for the Identification and Communication of Hazards and Risks of Hazardous Chemicals in the Workplace. However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

#### Label elements

##### Signal word

None

### 3. Composition/information on ingredients

#### Substance

Not applicable.

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### Mixture

Chemical name	CAS No	Weight-%
2-Diethylaminoethanol	100-37-8	<1

### 4. First-aid measures

#### Description of first aid measures

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

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

Symptoms.	None known
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#### Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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### 5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Not determined.
Specific hazards arising from the chemical	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Explosion Data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective actions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

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### 6. Accidental release measures

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

**Personal precautions** Use personal protective equipment as required.

#### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

#### 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** Pick up and transfer to properly labeled containers.

**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** Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

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

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.

### 8. Exposure controls/personal protection

#### Control parameters

**Exposure Limits** NOM-010-STPS-2014.

Chemical name	TWA	STEL	Ceiling Limit Value
2-Diethylaminoethanol 100-37-8	10 ppm 50 mg/m <sup>3</sup>	-	-

#### Appropriate engineering controls

**Engineering controls** Apply technical measures to comply with the occupational exposure limits. Eyewash

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stations. Showers.

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

Eye/face protection	Wear appropriate eye/face protection.
Skin and body protection	Wear suitable protective clothing. Wear suitable gloves.
Respiratory protection	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.
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	Amber liquid
Color	Amber
Odor	Bland
Odor Threshold	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.8-8.7	
Melting point / freezing point	No data available	
Boiling point / boiling range	100 °C / 212 °F	
Flash point	No data available	
Evaporation Rate	No data available	
Flammability (Solid, Gas)	Liquid - not applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Lower flammability or explosive limits	No data available	
Vapor Pressure	No data available	
Vapor Density	No data available	
Relative Density	1.004-1.020	
Water Solubility	Soluble in water	
Solubility in other solvents	No data available	
Partition Coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic Viscosity	No data available	

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### Other information

Oxidizing properties	No data available
Explosive properties	No data available
Molecular weight	No data available
Liquid Density	No data available
Bulk density	No data available

## 10. Stability and reactivity

Reactivity	Not reactive under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to Avoid	Keep out of reach of children.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

## 11. Toxicological information

### Information on likely routes of exposure

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

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Please see section 4 of this SDS for symptoms.
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### Acute toxicity

#### Numerical measures of toxicity

**Unknown acute toxicity** 9 % of the mixture consists of ingredient(s) of unknown toxicity  
9 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
9 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
9 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
9 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
9 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium tolyltriazole 64665-57-2	= 1980 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
2-Diethylaminoethanol 100-37-8	= 1320 mg/kg ( Rat )	= 1 mL/kg ( Rabbit )	-
Triethanolamine 102-71-6	= 4190 mg/kg ( Rat )	> 16 mL/kg ( Rat ) > 20000 mg/kg ( Rabbit )	-
Tetrasodium EDTA 64-02-8	= 1658 mg/kg ( Rat ) = 10 g/kg ( Rat )	-	-

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

**Interactive effects** Not classified.

**Skin corrosion/irritation** Not classified.

**Serious eye damage/eye irritation** Not classified.

**Respiratory or skin sensitization** Not classified.

**Germ cell mutagenicity** Not classified.

**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	Mexico
Triethanolamine 102-71-6	-	Group 3	-	-

#### Legend

**IARC (International Agency for Research on Cancer)**  
Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive toxicity** Not classified.

**STOT - single exposure** Not classified.

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**STOT - repeated exposure** Not classified.

**Aspiration hazard** Not classified.

**Other information** Not classified.

### 12. Ecological information

#### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
2-Diethylaminoethanol 100-37-8	30: 72 h Desmodemus subspicatus mg/L EC50	100 - 220: 96 h Leuciscus idus mg/L LC50 static 1660 - 1920: 96 h Pimephales promelas mg/L LC50 flow-through	-	83.6: 48 h Daphnia magna Straus mg/L EC50
Triethanolamine 102-71-6	169: 96 h Desmodemus subspicatus mg/L EC50 216: 72 h Desmodemus subspicatus mg/L EC50	450 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 1000: 96 h Pimephales promelas mg/L LC50 static 10600 - 13000: 96 h Pimephales promelas mg/L LC50 flow-through	-	1386: 24 h Daphnia magna mg/L EC50
Tetrasodium EDTA 64-02-8	1.01: 72 h Desmodemus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static	-	610: 24 h Daphnia magna mg/L EC50

**Persistence/Degradability** No data available.

**Bioaccumulation** No data available.

#### Component Information

Chemical name	Partition coefficient
2-Diethylaminoethanol 100-37-8	0.21

**Other Adverse Effects** No data available.

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### 13. Disposal considerations

#### Waste Treatment Methods

##### **Waste from residues/unused products**

Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

##### **Contaminated packaging**

Do not reuse empty containers.

### 14. Transport information

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

#### MEX

Not regulated

#### TDG

Not regulated

#### DOT

Not regulated

#### IATA

Not regulated

#### IMDG

Not regulated

### 15. Regulatory information

#### REGULATORY INFORMATION

##### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

##### International Inventories

Chemical name	TSCA	DSL/NDL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Fatty acids, C6 to C12 compounds with TEA	X	X			X	X		
TEA Salt of Caprylic Acid	X	X	X	X	X	X	X	X
TEA salt of Tall Oil Fatty Acid	X	X	X		X	X	X	X
2-Diethylaminoethanol	X	X	X	X	X	X	X	X

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Triethanolamine	X	X	X	X	X	X	X	X
Sodium tolyltriazole	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/NDSL** - 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

#### **NFPA**

**Health hazards** Not determined

**Flammability** Not determined

**Instability** Not determined

**Physical and chemical properties** Not determined

#### **HMIS**

**Health hazards** Not determined

**Flammability** Not determined

**Physical hazards** Not determined

**Personal protection** Not determined

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

#### **Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average)  
Ceiling Maximum limit value

STEL  
\*

STEL (Short Term Exposure Limit)  
Skin designation

#### **Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)

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Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

**Issue Date:** 17-Apr-2017

**Revision Date:** 11-Jan-2019

**Revision Note:** New format.

### **NOM-018-STPS-2015**

The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

### **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**

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