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Version 1

## 1. Identification

### Product identifier

**Product Name** Slide Quick RP Rust Preventive

### Other means of identification

**SDS #** 42810RP-MX

**Product Code** 42810RP

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

**Recommended Use** Industrial rust preventive

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

#### **Manufacturer Address**

Slide Products Inc.  
430 Wheeling Road  
Wheeling, IL 60090  
Phone: 1-847-541-7220  
Fax: 1-847-541-7986

### Emergency telephone number

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

## 2. Hazard(s) identification

### Classification

Acute toxicity - Dermal	Category 5 - (H313)
Skin corrosion/irritation	Category 2 - (H315)
Reproductive toxicity	Category 2 -(H361)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Aspiration hazard	Category 1 - (H304)
Flammable aerosols	Category 1 -(H222)
Gases under pressure	Compressed gas -(H280)

### Label elements

#### Signal word

Danger

**Hazard statements**

H304 - May be fatal if swallowed and enters airways  
H313 - May be harmful in contact with skin  
H315 - Causes skin irritation  
H336 - May cause drowsiness or dizziness  
H361 - Suspected of damaging fertility or the unborn child  
H222 - Extremely flammable aerosol  
H280 - Contains gas under pressure; may explode if heated



Exclamation mark  
Health hazard  
Flame  
Gas cylinder

**Precautionary Statements - Prevention**

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P271 - Use only outdoors or in a well-ventilated area  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P211 - Do not spray on an open flame or other ignition source  
P251 - Pressurized container: Do not pierce or burn, even after use

**Precautionary Statements - Response**

P308 + P313 - IF exposed or concerned: Get medical advice/attention

**Skin**

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap  
P362 + P364 - Take off contaminated clothing and wash it before reuse  
P332 + P313 - If skin irritation occurs: Get medical advice/attention

**Inhalation**

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P312 - Call a POISON CENTER or doctor if you feel unwell

**Ingestion**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor  
P331 - Do NOT induce vomiting

**Precautionary Statements - Storage**

P405 - Store locked up  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Information**

Very toxic to aquatic life with long lasting effects

### 3. Composition/information on ingredients

#### Substance

Not applicable.

#### Mixture

Chemical name	CAS No	Weight-%
Heptane	142-82-5	60-70
Propane	68476-86-8	25-35
Petroleum distillates (naphtha)	8002-05-9	1-5
Calcium salts	68783-96-0	1-5
Soy Lecithin	8002-43-5	1-3

### 4. First-aid measures

#### Description of first aid measures

<b>General advice</b>	IF exposed or concerned: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.
<b>Skin contact</b>	Wash with soap and water. If skin irritation persists, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water or milk immediately. Call a physician immediately.

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

<b>Symptoms.</b>	Irritating to mouth, throat, and stomach if ingested Overexposure by inhalation can cause headaches, nausea, dizziness, decreased blood pressure Causes skin irritation and defatting of skin with repeated/prolonged contact Exposed individuals will experience eye tearing, redness and discomfort
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#### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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### 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical. Water spray or fog.
<b>Unsuitable extinguishing media</b>	Not determined.
<b>Specific hazards arising from the chemical</b>	Pressurized container: May burst if heated. Aerosols may rupture violently at temperatures above 120 F. Vapors can form explosive mixtures with air. Aerosol flame projection test: >18" extension at 70 F.
<b>Hazardous combustion products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.

**Special protective actions for firefighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 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** Keep in suitable, closed containers for disposal.

**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** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurized container: Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Protect from direct sunlight. Keep away from heat. Do not store at temperatures above 120°F.

## 8. Exposure controls/personal protection

### Control parameters

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

Chemical name	TWA	STEL	Ceiling Limit Value
Heptane 142-82-5	400 ppm 1600 mg/m <sup>3</sup>	500 ppm 2000 mg/m <sup>3</sup>	-

### Appropriate engineering controls

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

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

**Eye/face protection** Safety glasses.

**Skin and body protection** Protective gloves are not required, but recommended.

**Respiratory protection** If necessary, refer to appropriate regulations and standards.

**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

<b>Physical state</b>	Aerosol
<b>Appearance</b>	Clear liquid in an aerosol
<b>Color</b>	Not determined
<b>Odor</b>	Not determined
<b>Odor Threshold</b>	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No data available	
<b>Melting point / freezing point</b>	No data available	
<b>Boiling point / boiling range</b>	70 °C / 158 °F	
<b>Flash point</b>	Not available	
<b>Evaporation Rate</b>	Faster than ether	
<b>Flammability (Solid, Gas)</b>	No data available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	7.5%	
<b>Lower flammability or explosive limits</b>	1.2%	
<b>Vapor Pressure</b>	137 mm Hg	
<b>Vapor Density</b>	Heavier than air	
<b>Relative Density</b>	0.6288	
<b>Water Solubility</b>	No data available	
<b>Solubility in other solvents</b>	No data available	
<b>Partition Coefficient</b>	No data available	
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>	No data available	
<b>Kinematic viscosity</b>	No data available	
<b>Dynamic Viscosity</b>	No data available	

### Other information

<b>Oxidizing properties</b>	No data available
<b>Explosive properties</b>	No data available
<b>Molecular weight</b>	No data available
<b>Liquid Density</b>	No data available
<b>Bulk density</b>	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.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid** Avoid temperatures above 120°F. Do not puncture or incinerate cans.

**Incompatible materials** None known based on information supplied.

**Hazardous decomposition products** Carbon oxides.

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Do not inhale.
<b>Eye contact</b>	Avoid contact with eyes.
<b>Skin contact</b>	May be harmful in contact with skin.
<b>Ingestion</b>	Do not ingest.

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

**Symptoms** Please see section 4 of this SDS for symptoms.

### Acute toxicity

#### Numerical measures of toxicity

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

<b>ATEmix (dermal)</b>	4,316.80 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	158.50 mg/l

**Unknown acute toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Heptane 142-82-5	-	= 3000 mg/kg ( Rabbit )	= 103 g/m <sup>3</sup> ( Rat ) 4 h
Petroleum distillates (naphtha) 8002-05-9	> 5000 mg/kg ( Rat ) > 4300 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Calcium salts 68783-96-0	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 1.9 mg/L ( Rat ) 4 h

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

<b>Interactive effects</b>	Not classified.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Respiratory or skin sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.

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

Chemical name	ACGIH	IARC	NTP	Mexico
Petroleum distillates (naphtha) 8002-05-9	A2	Group 3	Known	A2

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**Mexico - Secretary of Labor and Social Prevention Official Mexican Norm NOM-010-STPS-2014 Carcinogens**

A2 - Suspected Human Carcinogen

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.**STOT - single exposure** May cause drowsiness or dizziness.**STOT - repeated exposure** Not classified.**Aspiration hazard** May be fatal if swallowed and enters airways.**Other information** Not classified.**12. Ecological information****Ecotoxicity** Very toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Heptane 142-82-5	-	375.0: 96 h Cichlid fish mg/L LC50	-	10: 24 h Daphnia magna mg/L EC50

**Persistence/Degradability** No data available.**Bioaccumulation** There is no data for this product.**Component Information**

Chemical name	Partition coefficient
Heptane 142-82-5	4.66
Propane 68476-86-8	<=2.8

**Other Adverse Effects** No data available.**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**

UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard class 2.1

**TDG**

UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard class 2.1

**DOT**

UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard class 2.1

**IATA**

UN number UN1950  
 Proper Shipping Name Aerosols, flammable  
 Transport hazard class(es) 2.1

**IMDG**

UN number UN1950  
 Proper Shipping Name Aerosols  
 Transport hazard class(es) 2.1  
 Marine Pollutant Heptane

## 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/NDS L	EINECS/ ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Heptane	X	X	X	X	X	X	X	X
Propane	X	X	X		X	X	X	X
Petroleum distillates (naphtha)	X	X	X		X	X	X	X
Calcium salts	X	X	X	X	X	X	X	X
Soy Lecithin	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

<b>16. Other information</b>				
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<b><u>NFPA</u></b>	Health hazards Not determined	Flammability Not determined	Instability Not determined	Physical and chemical properties Not determined
<b><u>HMIS</u></b>	Health hazards 1	Flammability 4	Physical hazards 0	Personal protection B

**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)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	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)  
 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

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**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**