



# KP53 Penetrant

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 10/03/2018

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Version: 3.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Fast Acting Penetrant  
Other means of identification : KP53/KR2010

#### 1.2. Recommended use and restrictions on use

Recommended use : Penetrating Oil  
Restrictions on use : Not determined

#### 1.3. Supplier

Krown Rust Control  
35 MAGNUM DRIVE  
L0G 1T0 SCHOMBERG - CANADA  
T (905) 939-8750

#### 1.4. Emergency telephone number

Emergency number : (905) 939-8750

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-CA)

Skin corrosion/irritation, Category 3 H316  
Serious eye damage/eye irritation, Category 2B H320

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-CA labelling

Hazard pictograms (GHS-CA) : None  
Signal word (GHS-CA) : None  
Hazard statements (GHS-CA) : H316 - Causes mild skin irritation.  
H320 - Causes eye irritation.  
Precautionary statements (GHS-CA) : P264+P265 - Wash hands thoroughly after handling. Do not touch eyes.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 - Specific treatment (see supplemental first aid instruction on this label)  
P332+P317 - If skin irritation occurs: Get medical help.  
P337+P317 - If eye irritation persists: Get medical help.  
P362+P364 - Take off contaminated clothing and wash it before reuse.

#### 2.3. Other hazards

Other hazards not contributing to the classification : None.

#### 2.4. Unknown acute toxicity (GHS-CA)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS-CA)
Heavy Neutral hydrotreated	Petroleum Distillates, Hydrotreated heavy paraffinic	(CAS-No.) 64742-54-7	>90%	Not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
Barium petroleum sulfonate	sulfonicacids,petroleum,barium salts; Barium petroleum sulfonate	(CAS-No.) 61790-48-5	1-5	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Polyethylene Glycol Monooleyl Ether Phosphate	n-Octyl polyethyleneglycol ether phosphate; Oleyl alcohol ethoxylate phosphate	(CAS-No.) 38464-69-2	<1	Skin irritation, Category 2 H315 Serious eye damage, Category 1 H318:

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.
- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).

### 4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.
- Symptoms/effects after skin contact : Irritation.

### 4.3. Immediate medical attention and special treatment, if necessary

- Other medical advice or treatment : Not applicable.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Unsuitable extinguishing media

- Unsuitable extinguishing media : Not determined.

### 5.3. Specific hazards arising from the hazardous product

No additional information available

### 5.4. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Exercise caution when fighting any chemical fire.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

No additional information available

### 6.2. Methods and materials for containment and cleaning up

- Methods for cleaning up : In case of large spillages: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Shovel or sweep up and put in a closed container for disposal. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Barium petroleum sulfonate (61790-48-5)

USA - ACGIH	ACGIH TWA (As Ba, mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup> (A4: Not class, as human carcin)
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### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Appearance : Liquid.  
Colour : Blue  
Odour : odourless  
Odour threshold : No data available  
pH : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Relative evaporation rate (ether=1) : No data available  
Melting point : Not applicable  
Freezing point : -20 °C  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : Not applicable  
Vapour pressure : No data available  
Vapour pressure at 50 °C : No data available  
Relative density : 0.8  
Solubility : Insoluble.  
Log Pow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : 100 mPa.s  
Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

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Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Oxidizing agents and strong acids.
Incompatible materials	: Peroxides. Sodium hypochlorite. aluminium. tin. zinc.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced. On combustion, forms: carbon oxides (CO and CO <sub>2</sub> ).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	: Irritation.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

#### 12.2. Persistence and degradability

Rust Protection and Lubricant	
Persistence and degradability	Not established.

#### 12.3. Bioaccumulative potential

Rust Protection and Lubricant	
Bioaccumulative potential	Not established.

#### 12.4. Mobility in soil

Rust Protection and Lubricant	
Ecology - soil	Not established.

#### 12.5. Other adverse effects

Ozone	: Not classified
Effect on the global warming	: Not established.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

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### 14.1. Basic shipping description

In accordance with TDG

### Transportation of Dangerous Goods

Not regulated for transport

### 14.2. Transport information/DOT

#### Department of Transport

Not regulated for transport

### 14.3. Air and sea transport

#### IMDG

Not regulated for transport

#### IATA

Class (IATA) : Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. National regulations

#### Rust Protection and Lubricant

Listed on the Canadian DSL (Domestic Substances List)

#### Lubricating oils, petroleum, hydrotreated spent (64742-58-1)

Listed on the Canadian DSL (Domestic Substances List)

#### Barium petroleum sulfonate (61790-48-5)

Listed on the Canadian DSL (Domestic Substances List)

### 15.2. International regulations

#### Barium petroleum sulfonate (61790-48-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Korean ECL (Existing Chemicals List)

#### Lubricating oils, petroleum, hydrotreated spent (64742-58-1)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on Turkish inventory of chemical

## SECTION 16: Other information

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Other information : **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H-statements:

H316	Causes mild skin irritation.
H320	Causes eye irritation.

SDS Canada (GHS)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*

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