



chemical solutions to concrete problems

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), Hazardous Products Regulation (HPR) (WHMIS 2015)

# FORM-ARMOR Safety Data Sheet

## Section 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product Form	Mixture
Trade Name	FORM-ARMOR
Product Code	FAR

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use Industrial. For professional use only.

### 1.2.2 Uses Advised Against

No additional information available

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

#### Manufacturer

NOX-CRETE, INC.  
1444 SOUTH 20<sup>TH</sup> STREET  
OMAHA, NE 68108  
Tel: 402-341-2080  
Fax: 402-341-9752  
E-Mail: [corporate@nox-crete.com](mailto:corporate@nox-crete.com)  
Web Site: [www.nox-crete.com](http://www.nox-crete.com)

### 1.4 Emergency telephone number

Emergency Number	Chemtrec (800) 424-9300 Chemtrec Outside of U.S. 703-527-3887
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## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

H302 - Harmful if swallowed	Acute Tox. 4 (oral)
H304 - May be fatal if swallowed and enters airways	Asp. Tox. 1
H319 - Causes serious eye irritation	Eye Irrit. 2
H332 - Harmful if inhaled	Acute Tox. 4 (inhalation)

Full text of H phrases see section 16

### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2 Label elements

Hazard pictograms



Signal word

Danger

Hazard statements

H302 - Harmful if swallowed  
H304 - May be fatal if swallowed and enters airways  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled



chemical solutions to concrete problems

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# FORM-ARMOR Safety Data Sheet

## Precautionary statements

### Prevention:

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 - Wash exposed skin thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protection/face protection

### Response:

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P331 - Do NOT induce vomiting  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse.  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P370+P378 - In case of fire: Use Dry chemical, foam, carbon dioxide for extinction

### Storage:

P403+P235 - Store in a well-ventilated place. Keep cool.

### Disposal:

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3 Other hazards

None known

Full text of H and P phrases: see section 16

## Section 3. Composition / information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixture

Name	Product identifier	%
Petroleum Distillates, Hydrotreated	Trade Secret	Trade Secret
Rust Inhibitor	Trade Secret	Trade Secret

Pursuant to 29CFR 1910.1200(i) the specific chemical identity (and / or) concentration may be withheld as Trade Secret, while all health and safety properties and effects are included in the SDS. Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

## Section 4. First aid measures

### 4.1 Description of first aid measures

#### First-aid measures general

Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

#### First-aid measures after inhalation

If the individual experiences nausea, dizziness, has difficulty in breathing seek a healthcare professional immediately. In all cases of



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# FORM-ARMOR Safety Data Sheet

doubt, or when symptoms persist, seek medical advice. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or doctor/physician.

**First-aid measures after skin contact**  
If skin irritation persists, seek medical attention. Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off immediately with soap and plenty of water.

**First-aid measure after eye contact**  
When contact lenses are worn, remove if possible. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes while holding eyelids apart. Get medical attention immediately. Rinse mouth. DO NOT induce vomiting. Get medical attention immediately.

**First-aid measures after ingestion**

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

**Symptoms/injuries after inhalation**  
May cause irritation to the respiratory tract. Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.

**Symptoms/injuries after skin contact**  
May cause skin irritation or burning sensation

**Symptoms/injuries after eye contact**  
May cause eye irritation or injury

**Symptoms/injuries after ingestion**  
May cause severe irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach

## 4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

## Section 5. Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media**  
Use fire-extinguishing media appropriate for surrounding materials.  
Dry chemical, foam, carbon dioxide

**Unsuitable extinguishing media**  
Do not use heavy water stream

### 5.2 Special hazards arising from the substance or mixture

**Reactivity**  
Thermal decomposition products may cause a health hazard.

### 5.3 Advice for firefighters

**Firefighting instructions**  
Combustible Liquid! This material releases vapors when heated above ambient temperatures. Vapors can cause a flash fire. Use water spray or fog to cool exposed containers.

**Protective equipment for firefighters**  
Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.

**Other information**  
On heating or burning harmful gasses/vapors may be released.  
This product may cause the floor to become slippery.

## Section 6. Accidental release measures

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

**General measures**  
Eliminate any ignition sources. Dike or impound spilled material. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup.

**6.11 Protective Equipment**  
Equip cleanup crew with proper protective equipment.

**6.2 Environmental precautions**  
Prevent entry to sewers and public waters.  
Notify authorities if liquid enters sewers or public waters.

**6.3 Methods and materials for containment and cleaning up**

**Methods for cleaning up**  
Soak up spills with inert solids, such as clay or diatomaceous earth.  
Collect into vapor tight containers and dispose of properly.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling



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# FORM-ARMOR Safety Data Sheet

## Protective measures

Wash hands and other exposed areas with soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in work areas to prevent formation of vapor. When not in use keep containers tightly closed. Avoid breathing vapor or mist.

## Hygiene measures

Wash contaminated clothing before reuse.

## 7.2 Conditions for safe storage, including any incompatibilities

### Storage conditions

Store in accordance with local regulations. Store in original container in a cool well-ventilated place. Keep containers tightly closed until ready for use.

### Incompatible materials

Strong acids, alkalis and oxidizing agents

### Storage temperature

Store in a cool dry environment away from sources of ignition.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Occupational exposure limits ACGIH TLV (United States)
Petroleum Distillates, Hydrotreated	TWA: 5 mg/m3 8 hours as mist

### 8.2 Exposure controls

#### Appropriate engineering controls

Use with adequate ventilation to keep product vapor concentrations below specified TLV.

#### Eye and face protection

Chemical goggles and/or face shields are recommended to prevent potential eye contact, irritation or injury.

#### Skin protection

Wear chemical resistant gloves and appropriate protective clothing and boots as required to prevent skin contact. Wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

#### Respiratory protection

General room ventilation is normally adequate. Avoid breathing the product mist or vapors. The use of an appropriate respirator is recommended whenever the airborne concentrations exceed the TLV.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Clear to pale straw liquid
Odor	Mild
Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	150 C (300 F)
Flash point	62 C (144 F)
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (Specific gravity)	0.88 Kg per Liter 7.3 Lbs per Gallon
Solubility	Water: Negligible
Non-volatile, Wt %	44 Minimum
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable



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**Viscosity** No data available  
**VOC content** Less than 450 grams per liter

## Section 10. Stability and reactivity

**10.1 Reactivity** No additional information available  
**10.2 Chemical stability** Stable under normal conditions  
**10.3 Possibility of hazardous reactions** Hazardous polymerization will not occur.  
**10.4 Conditions to avoid** Extreme high or low temperatures.  
**10.5 Incompatible materials** Strong acids, alkalis and oxidizers  
**10.6 Hazardous decomposition products** Aldehydes, Oxides of calcium, carbon and sulfur.

## Section 11. Toxicology information

### 11.1 Information on toxicological effects

**Acute toxicity** Oral Harmful if swallowed.  
Inhalation Harmful if inhaled.  
**Irritation/Corrosion** Skin May cause skin irritation  
Eyes May cause serious eye irritation and damage.  
**Respiration or skin sensitization** May cause respiratory irritation  
**Germ cell mutagenicity** No data available  
**Carcinogenicity** No component of this product present at levels greater than 0.1 % is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC)  
**Reproductive toxicity** No data available  
**Specific target organ toxicity**  
Single exposure No data available  
Repeated exposure No data available  
**Aspiration hazard** May be fatal if swallowed and enters airways

## Section 12. Ecological information

**12.1 Ecotoxicity** Not established  
**12.2 Persistence and degradability** Not established  
**12.3 Bioaccumulative potential** Not established  
**12.4 Mobility in soil** No additional information available  
**12.5 Other adverse effects** Avoid release to the environment

## SECTION 13. Disposal Considerations

**13.1 Waste treatment methods** The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

## SECTION 14. Transport information

**14.1 UN number**  
Under 119 US gallons, single container Not dangerous goods in sense of transport regulations.  
Over 119 US gallons, single container UN1268  
**14.2 UN proper shipping name** Petroleum Distillates, N.O.S.  
**14.3 Transport hazard class(es)**



chemical solutions to concrete problems

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# FORM-ARMOR Safety Data Sheet

Under 119 US gallons, single container	Not applicable
Over 119 US gallons, single container	3
<b>14.4 Packing group</b>	
Under 119 US gallons, single container	Not applicable
Over 119 US gallons, single container	<b>PG III</b>
<b>In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA</b>	
<b>14.1 UN number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	No additional information available
<b>14.6 Special precautions for user</b>	
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No additional information available
<b>14.8 Transport in bulk according to CFR 49 173.15</b>	Not applicable

## SECTION 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.2 USA Regulations

**Section 112(b) HAPs**

None Listed

**Section 313**

Contains no ingredients at or above the De Minimus reporting level

**TSCA**

All ingredients are listed or exempted

#### PROPOSITION 65



**WARNING:** This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### 15.1.3 Canada Regulations

This SDS has been prepared according to the hazard criteria of the *Hazardous Products Regulation* (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR.

**DSL**

All ingredients are listed or exempted

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

## Section 16. Other information

Date of issue	5-31-2023
Version	3.0
Number	926
Date of previous issue	12-12-2019
Preparer	Nox-Crete, Inc.

### Reference Documentation

The information and recommendations contained herein are, to the best of Nox-Crete, Inc's knowledge and belief, accurate and reliable as of the date issued. You can contact Nox-Crete, Inc. to ensure that this document is the most current available from Nox-Crete, Inc. The information and recommendations are offered for the buyer's/user's consideration and examination. It is the buyer's/user's responsibility to satisfy themselves that the product is suitable for the intended use. Appropriate warnings and safe-handling procedures should be provided to all handlers and users. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Since the information provided herein may have been obtained



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## Full text of H and P phrases

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