

# **Safety Data Sheet**

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

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

1.1 Product identifier

Product Form Mixture

Trade Name DURO-NOX LS

Product Code DNLS

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 Supplier

NOX-CRETE MANUFACTURING INC

1444 SOUTH 20TH STREET

OMAHA, NE 68108 Tel: 402-341-2080 Fax: 402-341-9752

E-Mail: <a href="mailto:corporate@nox-crete.com">corporate@nox-crete.com</a>
Web Site: <a href="mailto:www.nox-crete.com">www.nox-crete.com</a>

1.4 Emergency telephone number

Emergency Number Chemtrec (800) 424-9300

Chemtrec Outside of U.S. 703-527-3887

### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Skin Irrit. 2 H315 Eye Irrit. 2 H319

Full text of H phrases see section 16

Adverse physiochemical, human health and environmental effects

No additional information available

2.2 Label elements

Hazard pictograms



Signal word

Hazard statements

Precautionary statements

Prevention:

Response:

Warning

H315 - Causes skin irritation

H319 - Causes serious eye irritation

P264 - Wash... thoroughly after handling P280 - Wear protective gloves/eye protection

P302+P352 – IF ON SKIN: Wash with plenty of soap and 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

P332+P313 - If skin irritation occurs: Get medical advice/attention

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P337+P313 - If eye irritation persists: Get medical advice/attention P362 - Take off contaminated clothing and wash before reuse

2.3 Other hazards None known

Full text of R, H and EUH phrases: see section 16

## Section 3. Composition / information on ingredients

### 3.1 Substances

Not applicable

3.2 Mixture

Name	Product identifier	%
Inorganic Silicate Solution	Trade Secret	Trade Secret

Pursuant to 29CFR 1910.1200(i) the specific chemical identity (and / or) concentration is being withheld as Trade Secret, while all health and safety properties and effects are included in the SDS.

## Section 4. First aid measures

4.1	Description	of first	aid measures
7.1	Description	OI III St	aid ilicasaics

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 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.

First-aid measures after ingestion Rinse mouth. DO NOT induce vomiting. Get medical attention

immediately.

## 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 Do not use heavy water stream

Unsuitable extinguishing media Do not use heav

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for firefighters

**Firefighting instructions**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 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

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. Keep from freezing.

**Incompatible materials** Acids, prolonged contact with aluminum, brass, bronze, copper, lead,

tin, zinc or other alkali sensitive metals or alloys

**Storage temperature** Prevent exposure to freezing temperatures.

## Section 8. Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limits

Ingredient name	Occupational exposure limits ACGIH TLV (United States, 2/2010)
Inorganic Silicate Solution	Not Established

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 required 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

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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 liquid
Odor Odorless

**Odor Threshold** No data available PH No data available **Melting point** No data available Freezing point No data available **Boiling point** 100 C (212 F) Flash point Not applicable Relative evaporation rate (butyl acetate=1) No data available Flammability (solid, gas) No data available **Upper/lower explosive limits** No data available

Vapor pressureNo data availableVapor densityNo data available

Relative density (Specific gravity) 1.1 Kg per Liter 9.3 Lbs per Gallon

SolubilityWater: CompletePartition coefficient n-octanol/waterNo data availableAuto-ignition temperatureNot applicableViscosityNo data availableVOC contentNo data available

Section 10. Stability and reactivity

10.1 ReactivityNo additional information available10.2 Chemical stabilityStable under normal conditions

**10.3 Possibility of hazardous reactions** Hazardous polymerization will not occur.

10.4 Conditions to avoid Extreme high or low temperatures. Avoid freezing

**10.5** Incompatible materials Acids, prolonged contact with aluminum, brass, bronze, copper, lead,

tin, zinc or other alkali sensitive metals or alloys

10.6 Hazardous decomposition products Carbon Monoxide, Carbon Dioxide

### Section 11. Toxicology information

11.1 Information on toxicological effects

Acute toxicity

No adverse effects expected under intended use.

Irritation/Corrosion Skin May cause skin irritation

**Eyes** May causes serious eye irritation and damage.

**Respiration or skin sensitization**May cause respiratory irritation

Germ cell mutagenicity Not classified

Carcinogenicity No component of this product present at levels greater than 0.1 % is

Not classified

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

Specific target organ toxicity

Single exposure Not classified Repeated exposure Not classified Aspiration hazard Not classified

## Section 12. Ecological information

12.1 Ecotoxicity Not established

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12.2 Persistence and degradabilityNot established12.3 Bioaccumulative potentialNot established

12.4 Mobility in soilNo additional information available12.5 Other adverse effectsAvoid 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

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

**14.1 UN number** Not dangerous goods in sense of transport regulations.

**14.2 UN proper shipping name**Concrete Curing Compound

14.3 Transport hazard class(es)Not applicable14.4 Packing groupNot applicable

**14.5 Environmental hazards** No additional information available

14.6 Special precautions for user
14.7 Transport in bulk according to

Annex II of MARPOL 73/78 and the IBC Code No additional information available

14.8 Transport in bulk according to

CFR 49 173.15 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 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 Propylene Oxide, which is known to the State of California to cause cancer. For more information, go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>."

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

**WHMIS** 

<u>15.2 Chemical safety assessment</u> A Chemical Safety Assessment has not been carried out.

### Section 16. Other information

Date of issue 10-5-2018
Version 2.3
Number 457
Date of previous issue 7-7-2015

Preparer Nox-Crete Manufacturing Inc.

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### Full text of R, H and EUH phrases

Eye Irrit. 2 Serious eye damage / eye irritation, Category 2

Skin Irrit. 2 Skin corrosion / irritation Category 2

H315 Causes skin irritation

H319 Causes serious eye irritation

P264 - Wash... thoroughly after handling

P280 - Wear protective gloves/eye protection

P302+P352 - IF ON SKIN: Wash with plenty of soap and wate

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing

P332+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P362 - Take off contaminated clothing and wash before reuse

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