

Section 1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Product Form	Mixture
Trade Name	CHEMBETON 250
Product Code	CH250

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, INC. 1444 SOUTH 20 TH STREET OMAHA, NE 68108 Tel: 402-341-2080 Fax: 402-341-9752 E-Mail: corporate@nox-crete.com Web Site: 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**

Flam Liq. 4	H227
Asp. Tox. 1	H304
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Acute Tox. 4 (inhalation)	H332
Carc. 2	H351
STOT RE 2 (CNS)	H373

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
H227: Combustible liquid
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation

H319: Causes serious eye damage
 H332: Harmful if inhaled
 H351: Suspected of causing cancer
 H373: May cause damage to organs (CNS)

Precautionary statements**Prevention:**

P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P210: Keep away from heat/sparks/open flames/hot surfaces-No smoking.
 P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264: Wash exposed area's thoroughly after handling.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
 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
 P337+P313: If eye irritation persists: Get medical advice/attention
 P362 - Take off contaminated clothing and wash before reuse.
 P403+P235+P233: Store in a cool well-ventilated place. Keep container tightly closed.
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Storage:**Disposal:****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	%
Hydrotreated Petroleum Distillate	Trade Secret	Trade Secret
Petroleum Distillates	Trade Secret	Trade Secret
Highly Refined Base Oil	Trade Secret	Trade Secret
Naphthalene	91-20-3	<0.4

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

Cumene	98-52-8	<0.2
Xylene	1330-20-7	<0.2
Ethylbenzene	100-41-4	<0.2

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.

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 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

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

This material releases vapors when it is heated to above the ambient temperature. Vapors can cause a flash fire. Use water spray or fog to cool exposed containers.

Protective equipment for firefighters

Firefighters should always 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

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 away from heat, sparks and open flame. 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, 1/2006)
Petroleum Distillates	TWA: 100 mg/m ³ 8 hours
Hydrotreated Petroleum Distillate	TWA: 5 mg/m ³ 8 hours as oil mist
Highly Refined Base Oil	TWA: 5 mg/m ³ 8 hours as oil mist
Naphthalene	TWA: 10 ppm 8 hours (absorbed through skin)
Ethylbenzene	TWA: 20 ppm 8 hours
Cumene	TWA: 50 ppm 8 hours
Xylene	TWA: 100 ppm 8 hours

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 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 straw-colored liquid
Odor	Mild
Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	157-400 C (315-750 F)
Flash point	> 60 C (140 F) <93 C (200 F)
Relative evaporation rate (butyl acetate=1)	No data available
Flammability	Combustible
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (Specific gravity)	0.841 Kg per Liter 7.0 Lbs per Gallon
Solubility	Water: Negligible
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Viscosity	No data available
VOC content	< 250 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, alkalies and oxidizing agents.
10.6 Hazardous decomposition products	Carbon Monoxide, Carbon Dioxide and various hydrocarbon derivatives.

Section 11. Toxicology information

11.1 Information on toxicological effects

Acute toxicity	No adverse effects expected under intended use.
Irritation/Corrosion	May cause skin irritation
Skin	May causes serious eye irritation and damage.
Eyes	May cause respiratory irritation
Respiration or skin sensitization	No data available
Germ cell mutagenicity	
Carcinogenicity	IARC

Xylene	3
Napthalene	2B
Ethylbenzene	2B
Cumene	2B

2B - Limited evidence in humans and less than sufficient evidence in animals.

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

3 - Inadequate in humans and inadequate or limited in animals.

Reproductive toxicity No data available**Specific target organ toxicity****Single exposure** No data available**Repeated exposure** No data available**Aspiration hazard**

The major health threat of ingestion occurs from the danger of aspiration (breathing of liquid drops into the lungs) particularly from vomiting.

Section 12. Ecological information**12.1 Ecotoxicity**

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data 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**In accordance with DOT****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)**Under 119 US gallons, single container**

Not applicable

Over 119 US gallons, single container

3

14.4 Packing group**Under 119 US gallons, single container**

Not applicable

Over 119 US gallons, single container**PG III****In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA****14.1 UN number**

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not 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**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 the following ingredients at or above the reporting level requirements of Section 313. This information must be included in all SDS's copied or distributed for this material.

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

CHEMICAL	CAS #	MAX WEIGHT %
Napthalene	91-20-3	<0.4
Ethylbenzene	100-41-4	<0.2

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.**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	3-27-2020
Version	2.5
Number	859
Date of previous issue	10-28-2019
Preparer	Nox-Crete, Inc.

Reference Documentation

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Full text of H and P phrases

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P