

SAFETY DATA SHEET

Issuing Date 22-May-2023

Section 1: Identification

Product identifier used on the label

Product Name: Nu-Prime Concrete

Product Code 140627

UN Number UN 1268

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended use- Restricted to Professional Users

Uses advised against- No informational available

Supplier's Details

Manufacturer Address

NuGlue LLC

1406 25th St.

Kenosha, WI 53140

Emergency phone number

24/hr. Service InfoTrac **1-800-535-5053**

In emergency call 911.

Section 2: Hazard(s) Identification

Classification

Flammable liquids	Category 3
Aspiration hazard	Category 1
Specific Target Organ Toxicity - Single Exposure	Category 3 (Respiratory tract irritation.)

Emergency Overview

Label Elements

Hazard Pictograms



Hazard Statements

- Flammable liquid and vapor.
- May cause respiratory irritation.
May be fatal if swallowed and enters airways

Signal Word: **Danger**

Appearance: Water-white

Physical State: Liquid

Odor: Typical of
mineral spirits

Precautionary Statements- Prevention

- Wash face, hands, and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection
- Do not breathe dust/fume/gas/mist/vapors/spray

Precautionary Statements- Response

Immediately call a POISON CENTER or doctor/physician

IF IN EYES:	<ul style="list-style-type: none"> ➤ Rinse cautiously with water for several minutes. ➤ Remove contact lenses, if present and easy to do. ➤ Continue rinsing. ➤ Call a POISON CENTER or doctor/physician.
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IF ON SKIN (or hair)	<ul style="list-style-type: none"> ➤ Remove/Take off immediately all contaminated clothing. ➤ Rinse skin with water/shower. ➤ Wash clothing before reuse.
IF INHALED	<ul style="list-style-type: none"> ➤ Remove victim to fresh air and keep at rest in a position comfortable for breathing. ➤ Immediately call a POISON CENTER or doctor/physician.
	<ul style="list-style-type: none"> ➤ Get medical attention immediately. ➤ Immediately call a POISON CENTER or doctor/physician. ➤ Wash out mouth with water. Remove dentures if present. ➤ Remove victim to fresh air and keep at rest. ➤ . If victim is conscious, give small quantities of water. Stop if sick or vomiting. ➤ Never give water to an unconscious person. ➤ Aspiration hazard if material or vomit enters lungs. ➤ Maintain an open airway. Loosen clothing such as collar or belt.

Precautionary Statements- Storage

- Store away from heat and ignition sources.

Precautionary Statements- Disposal

- Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other Information

- May be harmful or fatal if swallowed and enters airway.

Section 3: Composition/ Information on Ingredients

Chemical Name	CAS No.	%	Trade Secret
Naptha (petroleum), heavy alkylate	64742-48-9	88-98	*
Silicic acid (H4SiO4), tetraethyl ester, hydrolyzed	11099-06-2	2-10	*
Tetraethyl silicate	78-10-4	0.5-2.5	*

Ethanol (Ethyl alcohol)	64-17-5	0.1-0.7	*
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*** The exact percentage (concentration) of composition has been withheld as a trade secret. Further information is available as required by 29 CFR 1910.1200 (i). Any concentration shown as a range is to protect confidential or is due to batch variation.**

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

Description of First Aid Measures

Skin contact: Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing including gloves and shoes. Get medical attention if symptoms occur.

Eye contact: Immediately flush with plenty of water occasionally lifting upper and lower eyelids for at least 10 minutes. Get medical attention if irritation persists.

Inhalation: Remove victim to fresh air and keep in arresting position. If symptoms persist, call a physician. If not breathing, give artificial respiration or oxygen by trained personnel. If breathing is difficult, loosen clothing such as collar or belt and maintain an open airway.

Swallowing: If swallowed, get medical attention immediately. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person. □

Self-Protection of the First Responder: Use PPE as required. Avoid contact with skin, eyes, and clothing.

Most important symptoms and effects, both acute and delayed.

Potential acute health effects:

- Eye Contact - No known significant effects or critical hazards.
- Inhalation - No known significant effects or critical hazards.
- Skin contact - No known significant effects or critical hazards.
- Ingestion – May be fatal if swallowed and enters airway.

Potential acute health effects:

- Eye Contact – No specific data
- Inhalation - No specific data
- Skin contact - No specific data
- Ingestion – Adverse symptoms may include nausea and/or vomiting. May be fatal if enters airway.

Indication of any immediate medical attention and special treatment needed

Note to physicians

- Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents:

- Dry chemical
- Carbon dioxide (CO₂)
- Water spray (fog)
- Alcohol resistant foam

Unsuitable Extinguishing agents:

- Do not use water jet.

Specific hazards arising from the chemical:

- Keep product and empty container away from heat and sources of ignition.
- Risk of ignition.
- Vapors are heavier than air and will spread along the ground.
- Thermal decomposition can lead to release of irritating and toxic gases and vapors.
- In the event of fire and/or explosion do not breathe fumes.

Special protective equipment for firefighters:

- As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Section 6: Accidental Release Measures

Personal precautions:

- Avoid contact with skin, eyes, or clothing.
- Use personal protective equipment as required.
- Evacuate personnel to safe areas.
- Keep people away from and upwind of spill/leak.
- Remove all sources of ignition.
- Pay attention to flashback.
- Take precautionary measures against static discharges.

Measures for environmental protection:

- Should not be released into the environment.
- Do not allow into any sewer, on the ground or into any body of water.
- Prevent further leakage or spillage if safe to do so.
- Prevent product from entering drains. See Section 12 for additional ecological information

Measures for cleaning/collecting:

Methods for Containment:

- Prevent further leakage or spillage if safe to do so.
- Dike far ahead of liquid spill for later disposal.

Methods for Cleaning Up:

- Stop leak if without risk.
- Clean contaminated surface thoroughly.
- Take up mechanically, placing in appropriate containers for disposal.
- Use personal protective equipment as required.
- Dam up.
- Cover liquid spill with sand, earth or other non-combustible absorbent material.
- Soak up with inert absorbent material.
- Pick up and transfer to properly labeled containers.
- Take precautionary measures against static discharges.

Section 7: Handling and Storage

Handling:

- Use personal protective equipment as required.
- Avoid contact with skin, eyes or clothing.
- Ensure adequate ventilation, especially in confined areas.
- Use with local exhaust ventilation.
- All equipment used when handling the product must be grounded.
- Keep away from heat/sparks/open flames/hot surfaces. — No smoking!
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).
- In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems.

Storage:

- Keep out of the reach of children.
- Keep container tightly closed in a dry and well-ventilated place.
- Keep away from heat as sealed container will become pressurized.
- Keep in properly labeled containers.
- Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials:

- Incompatible with oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Control Parameters

Exposure Guidelines

Chemical Identity	Type	Exposure Limit Values	Source
Naphtha (petroleum)	heavy alkylate	100PPM	OSHA PEL Z2 (United States TWA)
Tetraethyl silicate	TWA	10 PPM	US. ACGIH Threshold Limit Values, as amended (03 2016)
	REL	10 ppm 85mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2010)

	PEL	100 ppm mg/m ³	850	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2016)
	IDLH	700 ppm		S. NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended (10 2017)
	TWA	10 ppm mg/m ³	85	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)
	TWA	10 ppm mg/m ³	85	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A, as amended (06 2008)
	ST ESL	ppb	100	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (06 2018)
	AN ESL	µg/m ³	85	US. Texas. Effects Screening Levels (Texas Version: 3.1 Revision Date: 01/11/2021 SS4004P SDS_US 8/21 Commission on Environmental Quality), as amended (06 2018)
	ST ESL	850 µg/m ³		US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (06 2018)
	AN ESL	10 ppb		US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality), as amended (06 2018)

	TWA PEL	10 ppm mg/m3	85	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants, as amended (01 2015)
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Appropriate engineering controls

- Showers
- Eyewash stations
- Ventilation systems

Application Guidelines:

- Brush on or apply at the lowest practical pressure.
- Do not atomize during application.
- Beware of wind drift.
- Proper work practices and planning should be utilized to avoid contact with workers, passersby, and non-masonry surfaces

Individual Protection measures, such as personal protective equipment

General protective and hygienic measures:

- When using do not eat, drink or smoke.
- Wash contaminated clothing before reuse.
- Regular cleaning of equipment, work area and clothing is recommended.
- Keep away from food, drink and animal feeding stuffs.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid contact with skin, eyes or clothing.
- Take off all contaminated clothing and wash it before reuse.
- Wear suitable gloves and eye/face protection.

Breathing equipment:

- If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
- Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.
- Respiratory protection must be provided in accordance with current local regulations.

Protection of hands:

- Wear protective gloves and clothing

Eye protection:

- Tight sealing safety goggles. Face protection

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	clear
Color	Colorless
Odor	Petroleum
Odor Threshold	No information available

Property	Values	Remarks- Method
pH	Not applicable	
Melting Point/ Freezing point °F	-30°C / -22°F	
Boiling Point/ Boiling Range	>100°C / 212°F	
Flash Point	43°C / 110 °F	Closed Cup
Evaporation Rate	No Information Available	
Flammability (solid, gas)	No Information Available	
Flammability Limit in Air	No Information Available	
Upper Flammability Limit	No Information Available	
Lower Flammability Limit	No Information Available	
Vapor Pressure	No Information Available	
Vapor Density	No Information Available	
Specific Gravity	0.780	
Water Solubility	Partially Soluble	
Solubility in Other Solvents	No Information Available	
Partition Coefficient	No Information Available	
Autoignition Temperature	No Information Available	
Decomposition Temperature	No Information Available	
Kinematic Viscosity	No Information Available	
Dynamic Viscosity	No Information Available	

Section 10: Stability and Reactivity

Reactivity: No Data Available

Chemical stability: Stable Under recommended storage conditions

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: Exposure to air or moisture over prolonged periods. Heat, flames, and sparks.

Incompatible materials: Incompatible with strong acids and bases. Incompatible with oxidizing agents.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating and toxic.

Section 11: Toxicological Information

Information on likely routes of exposure

Product Information

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Potential routes of exposure/potential health effects

Skin	No known significant effects or critical hazard
Eye	No known significant effects or critical hazard
Inhalation	No known significant effects or critical hazard
Ingestion	Do not taste or swallow. May be fatal if swallowed and enter airway.

Chemical Name	LD50/Oral	LD50/Dermal	Inhalation LC50
Naphtha (petroleum), heavy			
<u>Tetraethyl silicate</u>			<u>10 ppm TWA</u>

Symptoms related to physical, chemical and toxicological characteristics.

Symptoms

Skin	No known significant effects or critical hazard
Eye	No known significant effects or critical hazard
Inhalation	No known significant effects or critical hazard
Ingestion	Adverse symptoms may include nausea or vomiting.

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

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	Risk of serious damage to the lungs (by aspiration). May be fatal if swallowed and enters airways

Numerical measures of toxicity -Product Information

- o Unknown acute toxicity

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

Section 12: Ecological Information (non-mandatory)

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea

Persistence and degradability

No Information available.

Bioaccumulation

No Information available.

Chemical Name	Partition Coefficient

Other adverse effects

No information available.

Section 13: Disposal Considerations (non-mandatory)

Waste Treatment Methods

Disposal of wastes

- Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Contaminated Packaging

- Do not reuse container.

US EPA Waste Number	D002
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This product contains one or more substances that are listed with the State of California as hazardous waste.

Section 14: Transport Information (non-mandatory)

<u>DOT</u>	
UN Number	UN1268
UN Proper Shipping Name	Petroleum Distillates N.O.S. (Combustible liquid)
Transport Hazard Class(es)	Combustible liquid
Packing Group	III

Section 15: Regulatory Information (non-mandatory)

International Inventories

US Federal Regulations

TSCA 8(a) CDR Exempt/Partial exemption: This material is listed or exempted.

United States Inventory (TSCA 8b): This material is listed or exempted.

SARA 112(b) Hazardous air pollutants (HAPS): Not listed

Clean air act section 602 Class I and II substances: Not Listed

Legend:

- TSCA United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDL Canadian Domestic Substances List/Non-Domestic Substances List

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

US State Regulations

California Proposition 65

This product does not require a Safe Harbor warning under California Prop 65.

Section 16: Other Information

<u>NFPA</u>	Health Hazards 1 chemical	Flammability 3	Instability 0	Physical and
<u>HMIS</u>	Health Hazards 1 protection X	Flammability 3	Physical hazards 0	Personal

Prepared By	Regulatory Department
Issuing Date	05/22/2023
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Disclaimer

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End of Safety Data Sheet