

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : THE BRICK
Product code : 2006

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Laundry pre-spotter
Restrictions on use : For professional use only

1.4. Supplier's details

Christeyns North America, LLC
311 Staton Road
Greenville, NC 27834
USA
T 252-756-8616 / 800.869.6171
info@christeyns.us - www.christeyns.com

1.5. Emergency phone number

Emergency number : VELOCITY EHS (800) 255-3924 (24 HOURS)
(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 3	H226	Flammable liquid and vapor.
Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351	Suspected of causing cancer.
Reproductive toxicity, Category 1B	H360	May damage fertility or the unborn child.
Aspiration hazard, Category 1	H304	May be fatal if swallowed and enters airways.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Signal word (GHS US)	: Danger
Hazard statements (GHS US)	: H226 - Flammable liquid and vapor H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H351 - Suspected of causing cancer. H360 - May damage fertility or the unborn child
Precautionary statements (GHS US)	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P242 - Use non-sparking tools. P243 - Take action to prevent static discharges. P261 - Avoid breathing fumes, mists, vapors, or spray. P264 - Wash hands, forearms and face thoroughly after handling. P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear protective gloves, protective clothing, eye protection, and face protection. P301+P310 - If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - If exposed or concerned: Get medical advice/attention. P310 - Immediately call a poison center or doctor. P321 - Specific treatment (see supplemental first aid instruction on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice or attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P370+P378 - In case of fire: Use appropriate media to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Hydrocarbons, terpene processing by-products	CAS-No.: 68956-56-9	15 - 40
Solvent naphtha (petroleum), light arom.	CAS-No.: 64742-95-6	10 - 30
N-methylpyrrolidone	CAS-No.: 872-50-4	7 - 13
D-Limonene	CAS-No.: 5989-27-5	5 - 10
Nonylphenol polyethylene glycol ether	CAS-No.: 127087-87-0	7 - 13

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

THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Treat symptomatically. Get medical attention immediately.
First-aid measures after skin contact	: Rinse skin with plenty of water or shower. If irritation persists, get medical attention.
First-aid measures after eye contact	: Rinse immediately with water for 15 minutes, occasionally lifting upper and lower eyelids. Remove contact lenses, if present, and easy to do. Continue rinsing. Get medical attention immediately.
First-aid measures after ingestion	: Rinse mouth with water if the person is conscious. Do not induce vomiting unless directed by medical personnel. Get medical attention immediately.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/injuries after inhalation	: Aspiration may cause pulmonary edema and pneumonitis.
Symptoms/injuries after eye contact	: Risk of serious permanent damages to eyes if the product is not rapidly removed.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Do not use a water jet as this can spread the fire and may cause the splattering of corrosive liquid.
------------------------------	---

5.2. Specific hazards arising from the chemical

Fire hazard	: Flammable liquid and vapor. Decomposition products may include carbon oxides.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. In case of fire, do not breathe fumes. Move containers from the fire area if you can do so without risk. Prevent firefighting water from entering the environment.
Protection during firefighting	: Wear a self-contained breathing apparatus. Do not attempt to take action without suitable protective equipment.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment	: For spills or leaks, contact a supervisor and/or emergency responder. Avoid contact with spilled material and keep unnecessary personnel away.
----------------------	--

For emergency responders

Protective equipment	: See Section 8 for recommended personal protective equipment. Ventilate the area and restrict access to the spill or leak zone. Have emergency procedures in place for treating exposures or incidents. Only trained and authorized personnel equipped with proper protective equipment should perform cleanup.
----------------------	--

Environmental precautions	: Avoid release onto the ground, into storm sewers, or bodies of water.
---------------------------	---

THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so. Contain spillage, soak up with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and collect all waste in suitable, labeled, and closed containers. Dispose according to local legislation (See Section 13).

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle in accordance with good industrial hygiene and safety practices. Use only with adequate ventilation. Avoid contact with skin, eyes, and clothing. Use appropriate personal protection equipment (PPE). Wash thoroughly after handling.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep away from sources of heat or ignition.
Incompatible products : Keep away from strong acids, strong bases, flammables/combustibles, oxidizers, and reactive metals (aluminum, zinc, magnesium, iron filings).

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

N-methylpyrrolidone (872-50-4)

USA - ACGIH® - Biological Exposure Indices

Local name	N-Methyl-2-pyrrolidone
BEI (BLV)	100 mg/l Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone - Medium: urine - Sampling time: End of shift
Regulatory reference	ACGIH 2025

8.2. Appropriate engineering controls

Appropriate engineering controls : Maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable guidelines, use only with adequate ventilation. Eye wash facilities and emergency showers must be available when handling this product.

8.3. Individual protection measures, such as personal protective equipment

Materials for protective clothing:

Wear suitable protective clothing. Long sleeved protective clothing.

Hand protection:

Chemical resistant PVC gloves

Eye protection:

Safety glasses with face shield

THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Color	: Yellow
Odor	: Solvent
Odor threshold	: No data available
pH	: 8.5 – 9.5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: Flammable liquid and vapor.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 7.961 lb/gal
Solubility	: No data available
Log Pow	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

Hydrocarbons, terpene processing by-products

Particle characteristics	No data available
--------------------------	-------------------

Solvent naphtha (petroleum), light arom.

Particle characteristics	No data available
--------------------------	-------------------

N-methylpyrrolidone

Particle characteristics	No data available
--------------------------	-------------------

Nonylphenol polyethylene glycol ether

Particle characteristics	No data available
--------------------------	-------------------

D-Limonene

Particle characteristics	No data available
--------------------------	-------------------

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

Combustible product. Contact with strong oxidizing agents may cause exothermic reactions.

THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.2. Chemical stability

Stable under recommended storage and handling conditions. Avoid elevated temperatures and direct sunlight, which may increase evaporation and degradation.

10.3. Possibility of hazardous reactions

No hazardous polymerization expected. Accumulation of vapors in confined or poorly ventilated areas may form flammable mixtures with air.

10.4. Conditions to avoid

Keep away from heat, sparks, open flames, hot surfaces, and other sources of ignition. Avoid prolonged exposure to air, sunlight, or high temperatures. Avoid confined spaces where vapors can accumulate.

10.5. Incompatible materials

Incompatible with strong oxidizing agents (e.g. peroxides, chromates, nitrates), strong acids, and strong bases.

10.6. Hazardous decomposition products

Thermal decomposition may produce carbon oxides (CO, CO₂) and irritating/toxic vapors.

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

Hydrocarbons, terpene processing by-products (68956-56-9)

LD50 oral rat	> 2000 mg/kg Source: KOSHAMSDS
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	2000 mg/kg Source: KOSHAMSDS

Solvent naphtha (petroleum), light arom. (64742-95-6)

LD50 oral rat	8400 mg/kg Source: RTECS
LD50 dermal rat	> 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Vapors)	5.16 mg/l Source: ECHA

N-methylpyrrolidone (872-50-4)

LD50 oral rat	4150 mg/kg Source: ECHA
LD50 dermal rat	> 5000 mg/kg Source: ECHA
LC50 Inhalation - Rat	> 5.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
LC50 Inhalation - Rat (Dust/Mist)	> 5.1 mg/l Source: ECHA

Nonylphenol polyethylene glycol ether (127087-87-0)

LD50 oral	657.2 mg/kg body weight Animal: rabbit, Animal sex: male, Guideline: other., 95% CL: 265 - 1664,2
-----------	---

D-Limonene (5989-27-5)

LD50 oral rat	5000 mg/kg Source: National Library of Medicine/Hazardous Substances Data Bank
LD50 dermal rabbit	> 5000 mg/kg Source: National Library of Medicine

THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Skin corrosion/irritation	: Causes skin irritation. pH: 8.5 – 9.5
Serious eye damage/irritation	: Causes serious eye damage. pH: 8.5 – 9.5
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.

N-methylpyrrolidone (872-50-4)

NOAEL (chronic,oral,animal/male,2 years)	≈ 89 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 451 (Carcinogenicity Studies), Guideline: EU Method B.32 (Carcinogenicity Test), Guideline: EPA OTS 798.3300 (Carcinogenicity)
NOAEL (chronic,oral,animal/female,2 years)	≈ 221 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 451 (Carcinogenicity Studies), Guideline: EU Method B.32 (Carcinogenicity Test), Guideline: EPA OTS 798.3300 (Carcinogenicity)

D-Limonene (5989-27-5)

IARC group	3 - Not classifiable
------------	----------------------

Reproductive toxicity	: May damage fertility or the unborn child.
-----------------------	---

N-methylpyrrolidone (872-50-4)

LOAEL (animal/female, F0/P)	500 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)
NOAEL (animal/male, F0/P)	≥ 500 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)
NOAEL (animal/female, F0/P)	350 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)

D-Limonene (5989-27-5)

NOAEL (animal/female, F0/P)	600 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other:
-----------------------------	--

STOT-single exposure	: Not classified
----------------------	------------------

Solvent naphtha (petroleum), light arom. (64742-95-6)

STOT-single exposure	May cause drowsiness or dizziness.
----------------------	------------------------------------

N-methylpyrrolidone (872-50-4)

STOT-single exposure	May cause respiratory irritation.
----------------------	-----------------------------------

STOT-repeated exposure	: Not classified
------------------------	------------------

Hydrocarbons, terpene processing by-products (68956-56-9)

NOAEL (oral,rat,90 days)	435.8 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
--------------------------	--

N-methylpyrrolidone (872-50-4)

LOAEL (dermal,rat/rabbit,90 days)	1653 mg/kg body weight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
NOAEL (dermal,rat/rabbit,90 days)	826 mg/kg body weight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

Aspiration hazard	: May be fatal if swallowed and enters airways.
-------------------	---

THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

THE BRICK	
Viscosity, kinematic	No data available
Hydrocarbons, terpene processing by-products (68956-56-9)	
Viscosity, kinematic	No data available
Solvent naphtha (petroleum), light arom. (64742-95-6)	
Viscosity, kinematic	< 1 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)'
N-methylpyrrolidone (872-50-4)	
Viscosity, kinematic	1.613 mm²/s
Nonylphenol polyethylene glycol ether (127087-87-0)	
Viscosity, kinematic	No data available
D-Limonene (5989-27-5)	
Viscosity, kinematic	No data available
Symptoms/injuries after inhalation	: Aspiration may cause pulmonary edema and pneumonitis.
Symptoms/injuries after eye contact	: Risk of serious permanent damages to eyes if the product is not rapidly removed.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

Hydrocarbons, terpene processing by-products (68956-56-9)	
LC50 - Fish [1]	5.07 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	2.1 mg/l Test organisms (species): Daphnia magna
Solvent naphtha (petroleum), light arom. (64742-95-6)	
LC50 - Fish [1]	9.22 mg/l Source: IUCLID
EC50 - Crustacea [1]	6.14 mg/l Source: IUCLID
EC50 72h - Algae [1]	19 mg/l Source: IUCLID
N-methylpyrrolidone (872-50-4)	
LC50 - Fish [1]	500 mg/l Source: ECHA
EC50 72h - Algae [1]	600.5 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	672.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	25 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	12.5 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Nonylphenol polyethylene glycol ether (127087-87-0)	
LC50 - Fish [1]	84.7 mg/l Test organisms (species): Lepomis macrochirus
EC50 - Crustacea [1]	14 mg/l Test organisms (species): Daphnia magna

THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Nonylphenol polyethylene glycol ether (127087-87-0)

EC50 72h - Algae [1]	19.48545 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 96h - Algae [1]	12 mg/l Test organisms (species): other:

D-Limonene (5989-27-5)

LC50 - Fish [1]	0.7 mg/l Source: The ECOTOXicology database
EC50 - Crustacea [1]	0.307 mg/l Source: ECHA Registered substances
LC50 - Fish [2]	702 µg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [2]	0.51 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	0.32 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.214 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

THE BRICK

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

Hydrocarbons, terpene processing by-products (68956-56-9)

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

Solvent naphtha (petroleum), light arom. (64742-95-6)

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

N-methylpyrrolidone (872-50-4)

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

Nonylphenol polyethylene glycol ether (127087-87-0)

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

D-Limonene (5989-27-5)

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

12.3. Bioaccumulative potential

Solvent naphtha (petroleum), light arom. (64742-95-6)

Log Pow	2.1 – 6 Source: IUCLID
---------	------------------------

N-methylpyrrolidone (872-50-4)

Log Pow	-0.46 Source: ECHA
---------	--------------------

D-Limonene (5989-27-5)

Log Pow	4.57
---------	------

12.4. Mobility in soil

No additional information available

THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

12.5. Other adverse effects

No additional information available

SECTION 13 Disposal considerations

- | | |
|------------------------------|---|
| Regional legislation (waste) | : Avoid unauthorized disposal. Do not dump into any body of water. Comply with federal, state/provincial and local laws/regulations. Do not reuse empty containers. |
| Waste treatment methods | : Do not allow the product to contaminate any body of water. Refer to Section 8 for personal protection equipment. |

SECTION 14 Transport information

In accordance with DOT

DOT	
14.1. UN number	NA1993
14.2. Proper Shipping Name	Combustible liquid, n.o.s. (Solvent naphtha, light aromatic)
Transport document description	NA1993 Combustible liquid, n.o.s. (Solvent naphtha, light aromatic), Comb Liq, III
14.3. Transport hazard class(es)	Combustible liquid
14.4. Packing group	III
14.5. Environmental hazards	Dangerous for the environment: No
No supplementary information available	

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

- | | |
|---|----------|
| UN-No. (DOT) | : NA1993 |
| DOT Packaging Exceptions (49 CFR 173.xxx) | : 150 |
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : 203 |
| DOT Packaging Bulk (49 CFR 173.xxx) | : 241 |

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Contains chemical(s) subject to TSCA 12b export notification if product is shipped outside the U.S

THE BRICK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

N-methylpyrrolidone	CAS-No. 872-50-4	7 - 13%
---------------------	------------------	---------

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

N-methylpyrrolidone	CAS-No. 872-50-4	7 - 13%
Nonylphenol polyethylene glycol ether	CAS-No. 127087-87-0	7 - 13%

15.2. International regulations

No additional information available

15.3. State regulations

 **WARNING:** This product can expose you to N-Methylpyrrolidone, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
Hydrocarbons, terpene processing by-products(68956-56-9)	U.S. - New York City - Right to Know Hazardous Substances List
N-methylpyrrolidone(872-50-4)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16 Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date : 7/30/2026

Full text of hazard classes and H-statements	
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H351	Suspected of causing cancer.
H360	May damage fertility or the unborn child

Safety Data Sheet (SDS), USA ML

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.