

HE LAUNDRY DETERGENT

Safety Data Sheet

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : HE LAUNDRY DETERGENT
Product code : P218

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

Use of the substance/mixture : LAUNDRY DETERGENT

1.3. Details of the supplier of the safety data sheet

CleanPak Products LLC.
221 Hobbs Street Suite 108
Tampa, FL 33619
T 813-740-8611 - F 813-740-8218
admin@cleanpakproducts.com - www.cleanpakproducts.com

1.4. Emergency telephone number

Emergency number : 1-800-535-5053
InfoTrac

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Irrit. 2 H315

Eye Dam. 1 H318

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



GHS05

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H315 - Causes skin irritation
H318 - Causes serious eye damage

Precautionary statements (GHS-US) :

P264 - Wash hands thoroughly after handling
P280 - Wear gloves and protective eyewear
P302+P352 - If on skin: Wash with plenty of 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
P362 - Take off contaminated clothing and wash before reuse

See Section 8 for additional information

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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Name	Product identifier	%	GHS-US classification
alcohols, C9-C11-iso, C10-rich, ethoxylated	(CAS No) 78330-20-8	1 - 5	Acute Tox. 4 (Oral), H302 Aquatic Acute 3, H402
disodium metasilicate	(CAS No) 6834-92-0	1 - 5	Skin Corr. 1A, H314

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove the victim into fresh air.
First-aid measures after skin contact : Rinse with water.
First-aid measures after eye contact : Rinse immediately with plenty of water.
First-aid measures after ingestion : Drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : EXTINGUISHING MEDIA FOR SURROUNDING FIRES:

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

For containment : Plug the leak, cut off the supply.
Methods for cleaning up : Wash away neutralized product with plentiful water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

No additional information available

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

HE LAUNDRY DETERGENT	
ACGIH	Not applicable
OSHA	Not applicable

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alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
ACGIH	Not applicable
OSHA	Not applicable
disodium metasilicate (6834-92-0)	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure controls

No relevant exposure guidelines for other ingredients

Exposure Controls Engineering Measures

Distribution, Workplace and Household settings: Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal Protective Equipment

Eye Protection

Distribution, Workplace and Household Settings: No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection

Hand Protection

Distribution, Workplace and Household Settings: No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Protective gloves

Skin and Body Protection

Distribution, Workplace and Household Settings: No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Wear suitable protective clothing

Respiratory Protection

Distribution, Workplace and Household Settings: No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY): In case of insufficient ventilation wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Purple
Odour	: Pleasant
Odour threshold	: No data available
pH	: 8 - 9
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Specific gravity	: ≈ 1.02

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Solubility	: Water: Solubility in water of component(s) of the mixture : • alcohols, C9-C11-iso, C10-rich, ethoxylated: > 100 g/l (25 °C) • edetic acid: 0.05 g/100ml • disodium metasilicate: > 18 g/100ml • N,N-dimethyldodecylamine-N-oxide: Complete
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

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

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong acids.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
LD50 oral rat	500 - 2000 mg/kg (Rat; Experimental value)
ATE US (oral)	500.000 mg/kg bodyweight
disodium metasilicate (6834-92-0)	
LD50 dermal rat	> 5000 mg/kg bodyweight (Rat; Read-across; OECD 402: Acute Dermal Toxicity)
Skin corrosion/irritation	: Causes skin irritation. pH: 8 - 9
Serious eye damage/irritation	: Causes serious eye damage. pH: 8 - 9
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

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alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
LC50 fishes 1	10 - 100 mg/l (96 h; Leuciscus idus)
EC50 Daphnia 1	10 - 100 mg/l (48 h; Invertebrata)
Threshold limit algae 1	10 - 100,96 h; Aquatic plants
disodium metasilicate (6834-92-0)	
LC50 fishes 1	210 mg/l (96 h; Brachydanio rerio)
EC50 Daphnia 1	216 mg/l (96 h; Daphnia magna; GLP)
LC50 fish 2	2320 mg/l (96 h; Gambusia affinis)
EC50 Daphnia 2	632 mg/l (96 h; Lymnaea sp.)
Threshold limit algae 1	207 mg/l (72 h; Scenedesmus subspicatus; GLP)

12.2. Persistence and degradability

alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
Persistence and degradability	Readily biodegradable in water. Adsorption to soil is possible.
disodium metasilicate (6834-92-0)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

12.3. Bioaccumulative potential

alcohols, C9-C11-iso, C10-rich, ethoxylated (78330-20-8)	
Bioaccumulative potential	Not bioaccumulative.
disodium metasilicate (6834-92-0)	
Bioaccumulative potential	Bioaccumulation: not applicable.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :
Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : May be discharged to wastewater treatment installation.

SECTION 14: Transport information

In accordance with DOT
Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

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15.2. International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H402	Harmful to aquatic life

HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Personal Protection : B

SDS US (GHS HazCom 2012)

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