

SAFETY DATA SHEET 5L CLEANLINE HARD SURFACE CLEANER

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name 5L CLEANLINE HARD SURFACE CLEANER

Product number 800-226-4001

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

Identified uses Detergent.

1.3. Details of the supplier of the safety data sheet

Supplier PRIME SOURCE

P O BOX 15247 BIRMINGHAM B22 3HN

tel: 08085 749312 info@prime-source.co.uk

Contact person For content of safety data sheet:, info@prime-source.co.uk or TEL: - 08085 749312

1.4. Emergency telephone number

Emergency telephone Prime Source: 01865 407333 - FOR MEDICAL EMERGENCY USE ONLY

National emergency telephone In case of a medical emergency following exposure to a chemical call NHS Direct in England

number or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements H315 Causes skin irritation.

H318 Causes serious eye damage.

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Precautionary statements P280 Wear protective gloves/ protective clothing/ eye protection.

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.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with local regulations.

Contains ALCOHOLS, C12-14, ETHOXYLATED, DISODIUM METASILICATE

Detergent labelling < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% perfumes, Contains d-

LIMONENE

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ALCOHOLS, C12-14, ETHOXYLATED 1-5%

CAS number: 68439-50-9 EC number: 500-213-3 REACH registration number: 01-

2119487984-16-XXXX

M factor (Acute) = 1

Classification

Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412

DISODIUM METASILICATE 1-5%

CAS number: 6834-92-0 EC number: 229-912-9 REACH registration number: 01-

2119449811-37-XXXX

Classification Classification (67/548/EEC or 1999/45/EC)

Met. Corr. 1 - H290 C;R34 Xi;R37

Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335

2-(2-BUTOXYETHOXY)ETHANOL <1%

CAS number: 112-34-5 EC number: 203-961-6 REACH registration number: 01-

2119475104-44-xxxx

Classification

Eye Irrit. 2 - H319

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AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

<1%

CAS number: 308062-28-4 EC number: 931-292-6 REACH registration number: 01-

2119490061-47-XXXX

M factor (Acute) = 1

Classification Classification (67/548/EEC or 1999/45/EC)

Acute Tox. 4 - H302 Xn;R22. Xi;R38,R41. N;R50.

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Provide eyewash station.

Inhalation Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical

attention if any discomfort continues.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse

mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical

attention promptly if symptoms occur after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide

apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after

washing. Show this Safety Data Sheet to the medical personnel.

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

General information Provide eyewash station.

Skin contact Prolonged contact may cause redness, irritation and dry skin.

Eye contact The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the

following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage.

Risk of serious damage to eyes.

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

Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion

Thermal decomposition or combustion products may include the following substances: Oxides

of carbon. Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during

firefighting

products

Control run-off water by containing and keeping it out of sewers and watercourses.

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Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8. Treat the spilled material according to the instructions

in the clean-up section. Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautionsCollect and dispose of spillage as indicated in Section 13. Do not discharge into drains or

watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning upStop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers.

Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains,

sewers or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health

hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective

clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do

not mix with other household chemical products. Do not mix with acid.

Advice on general occupational hygiene

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and

wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room

temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No smoking.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m³ Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m³

WEL = Workplace Exposure Limit

ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

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DNEL Workers - Inhalation; Long term systemic effects: 294 mg/m³

Workers - Dermal; Long term systemic effects: 2080 mg/kg/day General population - Inhalation; Long term systemic effects: 87 mg/m³ General population - Dermal; Long term systemic effects: 1250 mg/kg/day

General population - Oral; Long term systemic effects: 25 mg/kg/day

PNEC - Fresh water; 0.0437 mg/l

- Intermittent release; 0.004 mg/l

- STP; 10 mg/l

Sediment (Freshwater); 31 mg/kgSediment (Marinewater); 31 mg/kg

- Soil; 1 mg/kg

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

DNEL Workers - Inhalation; Long term systemic effects: 67.5 mg/m³

Workers - Inhalation; Long term local effects: 67.5 mg/m³ Workers - Dermal; Long term systemic effects: 20 mg/kg/day

General population - Inhalation; Long term systemic effects: 34 mg/m³ General population - Inhalation; Long term local effects: 34 mg/m³ General population - Inhalation; Short term local effects: 34 mg/m³

General population - Inhalation; Short term local effects: 50.6 mg/m³ General population - Dermal; Long term systemic effects: 10 mg/kg/day General population - Oral; Long term systemic effects: 1.25 mg/kg/day

PNEC - Fresh water; 1 mg/l

- marine water; 0.1 mg/l

- Intermittent release; 3.9 mg/l

- STP; 200 mg/l

- Sediment (Freshwater); 4 mg/kg

- Sediment (Marinewater); 0.4 mg/kg

- Soil; 0.4 mg/kg

AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES (CAS: 308062-28-4)

DNELWorkers - Inhalation; Long term systemic effects: 15.5 mg/m³
Workers - Dermal; Long term systemic effects: 11 mg/kg/day

General population - Inhalation; Long term systemic effects: 3.8 mg/m³ General population - Dermal; Long term systemic effects: 5.5 mg/kg/day General population - Oral; Long term systemic effects: 0.44 mg/kg/day

PNEC - Fresh water; 0.034 mg/l

- marine water; 0.003 mg/l

- STP; 24 mg/l

- Sediment (Freshwater); 5.24 mg/kg

- Sediment (Marinewater); 0.524 mg/kg

- Soil; 1.02 mg/kg

8.2. Exposure controls

Protective equipment





Appropriate engineering controls

Provide adequate ventilation.

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Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates

eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard

EN166.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if

a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, gloves should comply with European

Standard EN374.

Other skin and body

protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate

hand lotion to prevent defatting and cracking of skin.

Hygiene measuresWhen using do not eat, drink or smoke. Good personal hygiene procedures should be

implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection Respiratory protection not required.

Environmental exposure

controls

Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Yellow.

Odour Lemon.

pH (concentrated solution): 13.0

Relative density 1.030 @ @ 20°C

Solubility(ies) Soluble in water.

Explosive under the influence

of a flame

Not considered to be explosive.

Comments Information given is applicable to the product as supplied.

9.2. Other information

Other information Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous

Not applicable.

reactions

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

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10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a

hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition

No known hazardous decomposition products.

products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage. Calculation method.

Respiratory sensitisation

Respiratory sensitisationBased on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitroDoes not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure
Not classified as a specific target organ toxicant after repeated exposure.

General information This product has low toxicity.

Ingestion May cause irritation. Symptoms following overexposure may include the following: Stomach

pain. Nausea, vomiting. Diarrhoea.

Skin contact Skin irritation should not occur when used as recommended. Prolonged or repeated exposure

may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild

dermatitis, allergic skin rash.

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Eye contact Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and

blurred vision. Corneal damage.

Toxicological information on ingredients.

ALCOHOLS, C12-14, ETHOXYLATED

Acute toxicity - oral

Acute toxicity oral (LD50

2,000.1

mg/kg)

Species Rat

Notes (oral LD₅o) Based on available data the classification criteria are not met. REACH dossier

information.

ATE oral (mg/kg) 2,000.1

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 2,000.1

mg/kg)

Species Rat

Notes (dermal LD50) Based on available data the classification criteria are not met. REACH dossier

information.

ATE dermal (mg/kg) 2,000.1

Acute toxicity - inhalation

Notes (inhalation LC50) Based on available data the classification criteria are not met. REACH dossier

information.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met. REACH dossier

information.

Serious eye damage/irritation

Serious eye

Causes serious eye damage.

damage/irritation

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met. REACH dossier

information.

Germ cell mutagenicity

Genotoxicity - in vitroThis substance has no evidence of mutagenic properties.

Reproductive toxicity

Reproductive toxicity - Based on available data the classification criteria are not met. REACH dossier

fertility information.

Specific target organ toxicity - single exposure

STOT - single exposure
Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

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STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

SECTION 12: Ecological information

Ecotoxicity There are no data on the ecotoxicity of this product. Not regarded as dangerous for the

environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

ALCOHOLS, C12-14, ETHOXYLATED

Acute aquatic toxicity

LE(C)₅₀ $0.1 < L(E)C50 \le 1$

M factor (Acute) 1

Acute toxicity - fish LC₅₀, 96 hours: 0.876 mg/l, Fish

REACH dossier information.

Acute toxicity - aquatic

EC₅₀, 48 hours: 0.39 mg/l, Daphnia magna

invertebrates REACH dossier information.

Chronic aquatic toxicity

Chronic toxicity - fish early EC₂₀, 30 days: 1.09 mg/l, Pimephales promelas (Fat-head Minnow)

life stage

REACH dossier information.

Chronic toxicity - aquatic

invertebrates

NOEC, 21 days: 0.77 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product. The surfactant(s) contained in this

product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct

request, or at the request of a detergent manufacturer.

Ecological information on ingredients.

ALCOHOLS, C12-14, ETHOXYLATED

Biodegradation The substance is readily biodegradable.

REACH dossier information.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

ALCOHOLS, C12-14, ETHOXYLATED

Bioaccumulative potential No potential for bioaccumulation.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

Ecological information on ingredients.

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ALCOHOLS, C12-14, ETHOXYLATED

Adsorption/desorption

- Log Koc: 3.7-4.5 @ °C REACH dossier information.

coefficient

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

This product does not contain any substances classified as PBT or vPvB.

assessment

Ecological information on ingredients.

ALCOHOLS, C12-14, ETHOXYLATED

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria. assessment

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not discharge into drains or watercourses or onto the ground.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority. Reuse or recycle products wherever possible.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as

amended).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at

work (as amended).

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and

Directive 91/689/EEC on hazardous waste with amendments. Commission Regulation (EU) No 2015/830 of 28 May 2015.

Guidance Workplace Exposure Limits EH40.

ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets.

COSHH Essentials.

Technical Guidance WM2: Hazardous Waste.

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Abbreviations and acronyms DNEL: Derived No Effect Level.

used in the safety data sheet PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978.

Revision comments New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of

28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous

revision.

Revision date 02/11/2018

Revision 3

Supersedes date 08/06/2017

SDS number 21692

Risk phrases in full R22 Harmful if swallowed.

R34 Causes burns. R36 Irritating to eyes.

R37 Irritating to respiratory system.

R38 Irritating to skin.

R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.

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Hazard statements in full

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.