



SAFETY DATA SHEET

Conforme to réglementation 453/2010 - REACH

KENNOL LG-15 ALL SEASON GINGERBREAD

Replaces version xx/xx/xxxx

FDS :994-165080-170217

17/02/2017

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SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

- Product name: **KENNOL LG-15 ALL SEASON GINGERBREAD**

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

- Commercial use: Windscreen Wash (for more details, please report back to the technical manual)

1.3. Details of the supplier of the Safety Data Sheet

- Fournisseur **ACCOR LUBRIFIANTS SA**

Adresse : 8 Rue du Mans - BP 30406 - 49304 CHOLET CEDEX

Téléphone : 02.41.75.26.70

Télécopie : 02.41.62.67.02

Contact e-mail : emilie.auribault@accor-lubrifiants.com

1.4. Emergency telephone number

In France, the valid emergency number is the ORFILA (INRS) number: + 33 (0)1 45 42 59 59. This telephone number gives contacts of all French poison centers ("centres anti-poison et de toxicovigilance"). These information centers provide you with free medical advice (except the cost of call), 24 hours a day, 7 days a week. For the information related to other countries, see the web page dedicated to national helpdesks of the ECHA website (European Chemicals Agency) that lists all the information by country:

<http://echa.europa.eu/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks>

SECTION 2 - HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification CE 1272/2008 (CLP)

H226 – Flammable liquid – category 3 – Attention – (CLP: Flam. Liq. 3)

H319 – Eye irritation– category 2 – Attention - (CLP Eye Irrit. 2)



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2.2. Label elements

Label Conforms to Norm (CE) N° 1272/2008 (CLP) :

Hazard pictogram(s):



Signal word(s): ATTENTION

Hazard statement(s):

H226 Flammable liquid and vapour

H319 Causes serious eye irritation

Precautionary statement(s) – Prevention

P101 - If medical advice is needed, have product container or label at hand

P102 – Keep out of reach of children

P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking

P233 - Keep container tightly closed

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P264 - Wash contaminated skin thoroughly after handling

Precautionary statement(s) - Intervention

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 – If eye irritation persists: Get medical advice/attention.

Precautionary advice- Storage

P403+P235 - Store in a well-ventilated place. Keep cool.

Precautionary advice - Elimination

P501 - Dispose of contents/container to a hazardous waste collection center, as per national regulation

Additional phrase(s): Contains: Perfume

2.3. Other hazards

* Irritating to the mucous membranes



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* Ingestion has the following effects: nausea, vomiting, central nervous system depression, unconsciousness, similar symptoms to those presented by drunkenness.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

- Chemical nature: formulated from demineralized water, alcohols and various additives.

- Dangerous components:

COMPONENTS	Percentage (in weight)	CLP Classification (EC) No 1272/2008	NUMBERS
			INDEX CE CAS Registration
ETHANOL	< 40 %	Flam. Liq. 2, H225 Eye Irrit. 2, H319	603-002-00-5 200-578-6 64-17-5 01-2119457610-43
Sodium etasulfate	< 0.15 %	Skin Irrit. 2, H315 Eye Dam. 1, H318	204-812-8 126-92-1 01-2119971586-23

The whole of the text of risk phrases and hazard statements of this section 3 appears in Section 16.

SECTION 4 - FIRST AID MEASURES

4.1. Description of first aid measures

If feeling unwell seriously or persistently, immediately seek medical attention

Inhalation:

Move the subject away from the polluted area.

Take affected person into fresh air and keep quiet.

In case of unconsciousness place patient stably in side position for transportation.

In the event of faintness, consult a doctor.



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Skin contact:

Wash the skin with soap and water.

In case of persistent irritation of the skin, consult a doctor.

Eye contact:

Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Consult an ophthalmologist if the irritation persists.

Ingestion:

Do not induce vomiting. Never give anything to drink if the person is unconscious. Consult a physician or contact a poison control centre.

Move the person who is vomiting from his back onto his side.

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

Liquids or vapours may cause eye irritation.

This product may cause a slight skin irritation in case of repeated or prolonged contact.

Ingestion may have the following effects:

Central nervous system depression.

Nausea, vomiting.

Symptoms similar to that of being intoxicated by alcoholic drinks.

Inhalation of strong concentrations may cause temporary respiratory irritation, headaches, nausea.

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

No other important information available.

SECTION 5 - FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: CO2, extinguishing powder or water pulverized. Fight large fires with water spray or alcohol resistant foam.

Adapt extinguishing measures to the environment.

Unsuitable extinguishing media for safety reason: full water jet.

5.2. Special hazards arising from the substance or mixture



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Vapours with source of ignition, can create a sudden burst of flames.

5.3. Advice for firefighters

· Special safety equipment:

Wear a self-contained breathing apparatus.

Do not inhale explosion gases or combustion gases.

· Other indications:

Use water to cool exposed containers.

Fire product residues and contaminated water must be disposed of according to administrative directives.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear safety equipment. Keep away non-protected persons.

6.2. Environmental precautions

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case product reaches water or sewage system.

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with suitable absorbent material (sand, binders, universal binders, sawdust).

Make sure there is sufficient ventilation.

6.4. Reference to other sections

To obtain information about safe handling, please see chapter 7.

To obtain information about personal protective equipment, please see chapter 8.

To obtain information about elimination, please see chapter 13.

SECTION 7 - HANDLING AND STORAGE

7.1. Precautions for safe handling

Manipulations:

Do not eat, drink or smoke when using this product.

Store in a well-ventilated workplace.

Breathing must be protected when large quantities are decanted without exhaust ventilation.

Information about fire - and explosion protection:



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Keep ignition sources away - Do not smoke
Protect against electrostatic charges.
Appropriate equipment to face fire, spills and leaks must be easily reachable.

7.2. Conditions for safe storage, including any incompatibilities

· Requirements to be met by storerooms and containers

Store in a cool location.

Provide solvent-resistant and impermeable floor.

· Information about storage in one common storage facility

Not necessary.

· Other information about storage facility:

Keep receptacle tightly sealed

Store in cool, dry conditions in well-sealed receptacles.

Keep away from heat and direct sunlight.

7.3. Specific end use(s)

No other important information available

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Components presenting critical values that have to be monitored at the workplace:

64-17-5 Ethyl alcohol

VME Instantaneous value: 9500 mg/m³, 5000 ppm

Long term value: 1900 mg/m³, 1000 ppm

Additional comments:

The present document uses lists that were valid during its compilation.

8.2. Exposure controls

The appropriate control measures for a particular workplace depend on the way the product is used and on potential exposure.

Personal protective equipment:



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· General protection and hygiene measures:

Wash hands thoroughly before breaks and when finishing work.

· Breathing protection:

Use suitable respiratory equipment if ventilation is insufficient.

In case of exposure risk above the regulated exposure limits values, it is advised to wear respiratory protective equipment adapted to risks.

· Hands protection:

The glove material must be waterproof and resistant to the product/ the substance / the preparation.

Choice of the glove material according to the penetration time, the infiltration and the degradation rate.

· Glove material

The choice of the appropriate material depends not only on the material, but also on other quality criteria that may vary from a manufacturer to the other. Since the product represents a preparation composed of several substances, the resistance of the glove material cannot be calculated in advance and must, thus, be controlled before its use.

· Penetration time of glove material

The precise penetration time is to be determined by the manufacturer of the protection gloves and is to be observed.

· Eyes protection: Protection goggles

· Body protection: Protective clothing

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Appearance

Aspect: Liquid

Density at 20°C (g/cm³): 0,963

Colour: Orange

Smell: alcohol feature

pH value: 8 units pH typical

Flash point (closed beaker) (°C):

Freezing point (°C) : -15

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Not defined

Self-inflammation: the product does not combust spontaneously.

Risk of explosion: the product is not explosive; however explosive air/vapour mixtures are possible.

Air exposure limits for pure ethanol:

Below: 3,3 Vol %

Above: 19 Vol %

Vapour pressure at 20°C: Not defined



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Solubility: complete in water

Partition coefficient (n-octanol/water): Not defined

9.2. Other information

No other important information available

SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity

No data available

10.2. Chemical stability

Stable when used and stored normally

10.3. Possibility of hazardous reactions

Dangerous reactions: none when used normally.

Dangerous properties: none when used normally.

10.4. Conditions to avoid

High temperature

10.5. Incompatible materials

Powerful oxidisers, alkaline metals, aluminium.

10.6. Hazardous decomposition products

No hazardous decomposition products known

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information referring to ingredients.

ETHANOL Acute toxicity (CAS: 64-17-5)

Acute toxicity (DL50 oral): > 2000 mg/kg Rat

Acute toxicity (DL50 dermal): > 2000 mg/kg Rabbit

Acute toxicity (CL50 by inhalation): > 20 mg/l (vapors) Mouse 4 hours



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Skin corrosion/skin irritation:

Erythema and eschar formation

Very light Erythema (barely noticeable) (1). Erythema well defined (2).

No irritation.

Serious eye damage/eye irritation

Slightly irritating

Respiratory sensitization

Not available

Skin sensitization

Guinea Pig Maximization Test (GPMT: Guinea Pig Maximisation Test): Guinea Pig

Non-sensitizing.

Mutagenicity on germ cells:

Genotoxicity - In Vitro

Gene mutation:

Negative.

Carcinogenicity:

Not available.

Toxicity for the reproduction - Fertility

Not available.

Toxicity for the reproduction - Development

Not available.

Specific toxicity for some target organs – repeated exposure:

STOT – Repeated exposures

DSET 1730 mg/kg Oral

Target organs

Tractus gastro-intestinal Liver

Inhalation: Nausea, headache, drunken state

Skin contact

No specific health warnings noted. Not considered a skin sensitizer.

Eye contact

Irritating for eyes.

Ingestion: Drunken state that can lead to alcoholic coma.

Additional information: Long term exposure: may cause the same disorder as narcotic action.



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SECTION 12 - ECOLOGICAL INFORMATION

12.1. Toxicity

· Aquatic toxicity: No other important information available.

12.2. Persistence and degradability

No other important information available.

12.3. Bioaccumulative potential

No other important information available.

12.4. Mobility in soil

No other important information available.

· Other ecological information:

Water hazard class 1 (D) (Self-assessment): low-polluting

Do not leave the product, not diluted or in big quantity, reach ground water, water course or sewage system.

12.5. Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

12.6. Other adverse effects

No other important information available

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

· Recommendation:

Must not be disposed together with household waste.

· Waste disposal:

Do not allow product to reach sewage system.

Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.



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SECTION 14 - TRANSPORT INFORMATION

14.1. UN number

ADR, IMDG, IATA : UN 1170

14.2. UN proper shipping name

· ADR

UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III, (D/E)

· IMDG

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

· IATA

ETHANOL SOLUTION

14.3. Transport hazard class(es)

· ADR

Class 3 (F1) Flammable liquids.

Label 3



· IMDG, IATA

Class 3 Flammable liquids.

Label 3



14.4. Packing group

ADR Packing group: III

IMO Packing group: III

IATA Packing group: III

14.5. Environmental hazards

IMDG- Marine pollution: NO



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Spill and leak procedure: Clean up the leakage or the losses, even minor if possible without taking unnecessary risks.

14.6. Special precautions for user

Individual precautions: The driver should not take action in case of cargo fire.

Emergency measures in the event of an accident: No open flames. Do not smoke

Keep public away from danger area.

IMMEDIATELY CONTACT POLICE AND FIREMEN.

Other information: None.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code"

The mixture is not intended for bulk transport.

SECTION 15 - REGULATORY INFORMATION

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

Be ensured that all notation or local regulations are observed.

European regulatory guidelines:

- Regulation (CE) n° 648/2004 referring to detergents
- Regulation (CE) n° 1907/2006 of the European Parliament and of the Council of 18 December 2006 for Registration, Evaluation, Authorisation and Restriction of Chemical substances, as well as restrictions applicable to these substances (REACH), and establishing a European Chemicals Agency modifying directive 1999/45/CE and repealing Commission Regulation (CEE) n° 793/93 of Council Regulation (CE) n° 1488/94 of the Commission as well as directive 76/769/CEE of Council and directives 91/155/CEE, 93/67/CEE, 93/105/CE and 2000/21/CE of the Commission, with modifications.
- Regulation (CE) n° 1272/2008 of the European Parliament and of the Council of 16 December 2008 for classification, labelling and packaging of substances and mixtures, modifying and repealing directives 67/548/CEE and 1999/45/CE and modifying the regulation (CE) n° 1907/2006, with modifications.

15.2. Chemical Safety Assessment

Not applicable.

SECTION 16 - OTHER INFORMATION

Modifications indications

1st version



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Symbols and hazard phrases used in this document section 3:

H225 - Highly flammable liquid and vapour

H315 - Causes skin irritation

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

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