Article 613 IEC-L2 Liquid Detergent

Date of issue: 15.08.2025

Version: 2.0 Supersedes version: 1.0 (13.01.2023)



Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Article 613 IEC-L2 Liquid Detergent
Synonym: Flüssigwaschmittel IEC-L2
UFI: QV00-U0MK-C004-GFQU

REACH Registration No:

Product description: Specialized liquid detergent for testing and inspecting dishwasher

performance

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

Identified uses: Reference detergent for performance testing of dishwashers. For

professional use only.

Uses advised against:

1.3 Details of the supplier of the safety data sheet

Swissatest Testmaterialien AG Mövenstrasse 12 9015 St. Gallen Switzerland

Telephone 0041 71 311 80 55
E-Mail info@swissatest.ch
Internet: www.swissatest.ch

1.4 Emergency telephone number

Tox Info Suisse Telephone 145

2. Hazards identification

2.1 Classification of the substance or mixture

The product is classified as a hazardous substance based on the calculation method according to Regulation (EC) No. 1272/2008 (CLP Regulation) in its latest valid version.

Acute toxicity, Oral (Category 4), H302 Skin corrosion (Category 1B), H314 Eye irritation (Category 2), H319 Respiratory sensitisation (Category 1), H334

Specific target organ toxicity after single exposure (Category 3), H335

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms:





GHS07



GHS08

GHS05 G

Signal word: DANGER

Hazard components for labelling:

Contains: Dodecylbenzenesulfonic acid, ethoxylated propoxylated 2-ethyl-1-hexanol, monoethanolamine, ethoxylated fatty alcohol C12/14 (9EO), subtilisin

Hazard statements:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

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EUH208: Contains 5-Chloro-2-methyl-isothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one (3:1). May produce an allergic reaction.

Precautionary statements:

P270 Do not eat, drink or smoke when using this product.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. P405 Store locked up.

Components according to 648/2004 EG:

5 - <15 % anionic surfactants

15 - <30 % non-ionic surfactants

5 - <15 % soap

preservation agents: methylisothiazolinone

enzymes: subtilisin

2.3 Other hazards

The mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. The product does not contain any components with endocrine-disrupting properties at or above 0.1%.

3. Composition/information on ingredients

3.1 Substances: The product is a mixture.

3.2 Mixtures

Ingredient	CAS No.	EC-No.	Content [wt. %]	Classification according to (EG) N° 1272/2008	
Dodecylbenzenesulfonic acid, isomers	27176-87-0	248-289-4	9.5 – 11.7	Acute Tox. (oral) 4, H302; Skin Corr. 1B, H314	
Ethoxylated propoxylated 2- ethyl-1-hexanol	64366-70-7	613-582-1	9 – 11	Eye Irrit. 2, H319	
Palm kernel fatty acid	101403-98-9	309-936-7	8.1 – 9.9	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
Monoethanolamine	141-43-5	205-483-3	6.6 - 8.0	Acute Tox. (oral) 4, H302; Acute Tox. (dermal) 4, H312; Acute Tox. (inhalation) 4; H332, Skin Corr. 1B, H314; (SCL [%]: STOT SE 3; H335: C ≥ 5)	
Ethoxylated fatty alcohol C12/14 (9EO)	68439-50-9	931-014-3	4.5 – 5.5	Eye Irrit. 2, H319; Aquatic Chronic 3, H412; Aquatic Acute 1, H400	
Citric acid	77-92-9	201-069-1	2.7 - 3.3	Eye Irrit. 2, H319; STOT SE 3, H335	
Sodium xylene sulfonate	1300-72-7	215-090-9	1.4 – 1.8	Eye Irrit. 2, H319	
Subtilisin	9014-01-1	232-752-2	1.5	Skin Irrit. 2, H315; Eye Dam. 1, H318; Resp. Sens. 1, H334; STOT SE 3, H335	
Propylene glycol	57-55-6	200-338-0	0.9 – 1.1	-	
Reaction of Methylmethacrylate and Methacryloxypropyl-trimethoxysilane	26936-30-1	639-257-4	0.9 – 1.1	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
5-Chloro-2-methyl-isothiazol- 3(2H)-one and 2- methylisothiazol- 3(2H)-one (3:1)	55965-84-9		0.00155	Acute Tox. (oral) 3, H301; Acute Tox. (dermal) 2, H310; Acute Tox. (inhalation) 2, H330; Skin Corr. 1C, H314; Skin Sens. 1A, H317, Eye Dam. 1, H318; Aquatic Acute 1, H400, Aquatic Chronic 1, H410	

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SVHC

This preparation does not contain substances of very high concern (SVHC) in a concentration of ≥ 0.1 % according to Regulation (EC) 1907/2006, Article 57.

Further Information: -

See Section 16 for wording of H and P statements.

4. First-aid measures

4.1 Description of first aid measures

General instructions: Remove contaminated clothes and wash them before reuse.

After inhalation: Move the affected person to fresh air and ensure unhindered breathing. In case of

symptoms, seek immediate medical attention.

After skin contact: Rinse with water. If skin irritation persists, consult a doctor.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if worn and

easy to do. Continue rinsing. Seek immediate medical attention.

After ingestion: Rinse mouth and give 1-2 glasses of water to drink. Do not induce vomiting. Seek

medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

After eye and skin contact: Severe skin burns, irritation / redness

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Adapt fire extinguishing measures to the surroundings. Unsuitable extinguishing media: Water jet.

5.2 Special hazards arising from the substance or mixture

Do not inhale vapours and fumes.

Formation of toxic pyrolysis products.

Formation of hazardous smoke or vapours possible (CO).

5.3 Advice for firefighters

In the event of a fire, a self-contained breathing apparatus and a full protective suit should be worn. If safe to do so, remove the container from the hazard area.

Collect contaminated extinguishing water and dispose of it in accordance with regulations.

6. Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Advice for non-emergency personnel: Ensure sufficient ventilation.

Avoid skin and eye contact. Use personal protective equipment (see chapter 8).

Advice for emergency responders: Personal protective equipment according to EN 469 is recommended.

6.2 Environmental precautions

Prevent release into sewers, surface water, or groundwater.

6.3 Methods and material for containment and cleaning up

Product can be disposed of by absorbant (universal binder, sand, sawdust). Dispose of product according to chapter 13.

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6.4 Reference to other sections

Information on safe handling: see chapter 7. Information on PSA: see chapter 8. Information on disposal: see chapter 13.

7. Handling and storage

7.1 Precautions for safe handling

Provide sufficient ventilation. Avoid skin and eye contact. Remove contaminated clothes and wash them before reuse. Wash hands thoroughly after handling and before work breaks. Do not eat, drink, or smoke when using this product. Observe skin protection plan.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store only in the original container.

Keep container tightly closed. Store in a dry place. Keep away from food

and animal feed.

Advice on storage assembly: Keep away from strong oxidizers (storage class 5).

Storage class: 8 (caustic and corrosive materials)

7.3 Specific end use(s)

Apart from the uses specified in Section 1.2, no other specific uses are identified.

8. Exposure control and personal protection

8.1 Control parameters

Occupational exposure limit values:

Threshold limit values according to SUVA:					
Designation	CAS-N°	TLV (ppm)	TLV (mg/m³)	STEL (ppm)	STEL (mg/m³)
Dodecylbenzenesulfonic acid, isomers	27176-87-0	-	-	-	-
Ethoxylated propoxylated 2-ethyl-1-hexanol	64366-70-7	-	-	-	-
Palm kernel fatty acid	101403-98-9	-	-	-	-
Monoethanolamine	141-43-5	2	5	4	10
Ethoxylated fatty alcohol C12/14 (9EO)	68439-50-9	-	-	-	-
Citric acid	77-92-9	-	2	-	4
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Subtilisin	9014-01-1	-	-	-	0.00006
Propylene glycol	57-55-6	-	-	-	-
Acrylic copolymer	26936-30-1	-	-	-	-
5-Chloro-2-methyl-isothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one (3:1)	55965-84-9	-	0.2	-	0.4

8.2 Exposure controls

Appropriate engineering controls:

Provide appropriate decontamination and cleaning equipment (running water, eye-wash station).

Individual protective measures, personal protective equipment

Eye / face protection

Safety goggles with side protection (EN 166).

Skin protection

Skin contact can cause severe skin burns. Use protective gloves according to EN 374-3. Glove material: nitrile rubber, minimum layer thickness: 0.4 mm, break through time 480 min. Please contact the glove supplier for further information on material thickness and penetration time.

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Respiratory protection

Not necessary if sufficient ventilation is provided.

Body protection

Standard work clothing.

General protective and hygiene measures:

Do not eat, drink, or smoke during work.

Keep away from drinks, food, and animal feed.

Wash hands before breaks and after work.

Use of skin protection measures in accordance with SUVA Information Sheet 44074 is recommended.

Environmental exposure controls

Compliance with local emission limit values must be ensured.

Emissions to air, water, and soil should be avoided.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid Colour: yellow

Odour: No data available Odour threshold: No data available Melting point: No data available Boiling point: No data available Self-ignition Not applicable Lower / upper explosion limits: Not applicable Flashpoint: Ignition temperature: No data available Decomposition temperature Not applicable

pH-value (1% in water) 8.0

Kinematic Viscosity:

No data available

Solubility in water: Soluble

log Kow:No data availableVapour pressure:Not applicableVapour density:not applicableDensity at 20 °C:No data availableParticle characteristicsNo data available

9.2 Other information

None.

10. Stability and reactivity

10.1 Reactivity

The product is stable when used and stored according to the manufacturer's instructions for use (see chapter 7).

10.2 Chemical stability

No decomposition when used as intended (see Section 7).

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

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10.6 Hazardous decomposition products

The product will not degrade to unstable products when used according to the instructions for use. In case of fire, toxic smoke gases (CO) and pyrolysis products may form.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

For ingredients: according to ECHA (unless otherwise indicated)

Designation	CAS-N°	LD ₅₀ oral (test organism)	LD ₅₀ dermal (test organism)	LC ₅₀ inhalation (test organism)
Dodecylbenzenesulfonic acid, isomers	27176-87- 0	500 – 2'000 mg/kg bw (rat)	2'000 mg/kg bw (rat)	310 mg/m³ air (4 h; rat)
Ethoxylated propoxylated 2-ethyl-1-hexanol	64366-70- 7	> 2'000 mg/kg bw (rat) ¹	> 2'000 mg/kg bw (rat) ¹	no data available
Palm kernel fatty acid	101403- 98-9	> 2'000 mg/kg bw (mouse) ²	no data available	no data available
Monoethanolamine	141-43-5	1.07 - 1.19 mL/kg bw (rat)	2.46 - 2.83 mL/kg bw (rabbit)	1.3 mg/L (6 h; rat)
Ethoxylated fatty alcohol C12/14 (9EO)	68439-50- 9	500 – 2'000 mg/kg bw (rat) ³	no data available	no data available
Citric acid	77-92-9	5'400 mg/kg bw (mouse)	2'000 mg/kg bw (rat)	no data available
Sodium xylene sulfonate	1300-72-7	no data available	no data available	no data available
Subtilisin	9014-01-1	1'728 mg/kg bw (rat)	no data available	no data available
Propylene glycol	57-55-6	22'000 mg/kg bw (rat)	LD50 2'000 mg/kg bw (rabbit)	44.9 mg/L air (4 h; rat)
Acrylic copolymer	26936-30- 1	no data available	no data available	no data available
5-Chloro-2-methyl- isothiazol-3(2H)-one and 2-methylisothiazol- 3(2H)-one (3:1)	55965-84- 9	64 - 561 mg/kg bw (rat)	87.12 - 660 mg/kg bw (rabbit)	171 – 2'360 mg/m³ air (4 h; rat)

¹MSDS ECOSURF LFE-1410 surfactant, Dow, 12.10.2018

For product:

No information available.

Skin corrosion / irritation:

The product is classified. May cause severe irritation or skin burns.

Serious eye damage / eye irritation

The product is classified. May cause severe eye irritation.

Respiratory or skin sensitization

The product is classified. May cause respiratory and skin sensitization.

Germ cell mutagenicity

The product is not classified. The product does not contain substances classified as mutagenic.

Carcinogenicity

The product is not classified. The product does not contain substances classified as carcinogenic.

Reproductive toxicity

The product is not classified. The product does not contain substances classified as toxic for reproduction.

Specific target organ toxicity, repeated exposure

The product is not classified. The product does not contain substances classified as specific target organ toxicant after repeated exposure.

²MSDS Distillated palm kernel oil fatty acid, Wilmar (China) Oleo Co., Ltd, 2019-02-01.

³MSDS Lutensol A9N Iconol, BYC ERC (China, Nanjing), 17.11.2011

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Specific target organ toxicity, single exposure

The product is classified. The product can cause specific target organ toxicant after single exposure.

Aspiration hazard

The product is not classified. The product does not contain any substances classified as aspiration hazard.

11.2 Information on other hazards

Endocrine disruption properties

This mixture does not contain any components with endocrine disrupting properties in concentrations \geq 0.1 %, as defined in Article 57(f) of the REACH Regulation or in Delegated Regulations (EU) 2017/2100 and (EU) 2023/707. Therefore, no health-relevant effects due to endocrine disrupting properties are present.

Other information

Not known.

12. Ecological information

12.1 Toxicity

For ingredients: according to ECHA (unless otherwise indicated)

Designation	CAS-N°	Indicator	Value
Dodecylbenzenesulfonic acid,	27176-87-0	LC50 (4 days) fish	1.67 - 10.046
isomers			mg/L
		EC50 (48 h) aquatic invertebrates	2.5 - 5.88 mg/L
		EC50 (72 h) aquatic algae and	21 - 65.4 mg/L
		cyanobacteria	
Ethoxylated propoxylated 2-	64366-70-7	LC50 (4 days) fish ¹	32 mg/L
ethyl-1-hexanol		EC50 (48 h) aquatic invertebrates ¹	50.6 mg/L
		EC50 (72 h) aquatic algae and	31.9 mg/L
		cyanobacteria 1	
Palm kernel fatty acid	101403-98-9	LC50 fish ²	> 100 mg/L
		EC50 bacteria ²	> 100 mg/L
Monoethanolamine	141-43-5	LC50 (4 days) fish	349 mg/L
		EC50 (48 h) aquatic invertebrates	27.04 - 65 mg/L
		EC50 (72 h) aquatic algae and	2.1 - 2.8 mg/L
		cyanobacteria	
Ethoxylated fatty alcohol C12/14	68439-50-9	LC50 (4 days) fish ³	1 – 10 mg/L
(9EO)			
Citric acid	77-92-9	LC50 (4 days) fish	100 mg/L
		EC50 (48 h) aquatic invertebrates	50 mg/L
Sodium xylene sulfonate	1300-72-7	no data available	-
Subtilisin	9014-01-1	LC50 (4 days) fish	15.4 mg/L
		EC50 (48 h) aquatic invertebrates	327 µg/L
		EC50 (72 h) aquatic algae and	548 – 9'770 μg/L
		cyanobacteria	
Propylene glycol	57-55-6	LC50 (4 days) fish	40.613 g/L
., .,		LC50 (48 h) aquatic invertebrates	18.34 g/L
		EC50 (72 h) aquatic algae and	19.3 - 24.2 g/L
		cyanobacteria	
Acrylic copolymer	26936-30-1	no data available	-
5-Chloro-2-methyl-isothiazol-	55965-84-9	LC50 (4 days) fish	190 - 300 μg/L
3(2H)-one and 2-		EC50 (48 h) aquatic invertebrates	7 - 160 µg/L
methylisothiazol- 3(2H)-one		EC50 (72 h) aquatic algae and	6.3 - 27.3 µg/L
(3:1)		cyanobacteria	

¹MSDS ECOSURF LFE-1410 surfactant, Dow, 12.10.2018

For product:

No data available.

12.2 Persistence and degradability

²MSDS Distillated palm kernel oil fatty acid, Wilmar (China) Oleo Co., Ltd, 2019-02-01.

³MSDS Lutensol A9N Iconol, BYC ERC (China, Nanjing), 17.11.2011

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The surfactants contained in the product are biodegradable in accordance with the requirements of Regulation (EC) No 648/2004. Data supporting this property are held at the disposal of the competent authorities of the Member States and will be made available to them upon direct request or at the request of a detergent manufacturer.

12.3 **Bioaccumulative potential**

No data available.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

The mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine disrupting properties 12.6

This mixture does not contain any components with endocrine disrupting properties in concentrations ≥ 0.1 %, as defined in Article 57(f) of the REACH Regulation or in Delegated Regulations (EU) 2017/2100 and (EU) 2023/707. Therefore, no environmentally relevant effects due to endocrine disrupting properties are present.

12.7 Other adverse effects

Water hazard class 1 (self-classification): slightly hazardous to water Avoid release into the environment. Do not discharge undiluted or in large quantities into water bodies or the sewage system.

13. **Disposal considerations**

13.1 Waste treatment methods

Dispose of in accordance with official regulations. Do not dispose of with household waste. Do not release into the sewage system

Product (pure product, empty and partly emptied containers)

Dispose of as hazardous waste

Waste disposal code:

Ordinance on the movement of waste SR 814.610:

[S] detergents containing dangerous substances

Absorbing agents polluted with product:

Remove as hazardous waste.

Waste disposal code:

Ordinance on the movement of waste SR 814.610:

15 02 02

[S] absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

14. Transport information

The product is classified as a dangerous good according to transport regulations.

14.1 **UN Number**

UN 1760

UN proper shipping name 14.2

CORROSIVE LIQUIDS N.O.S.

14.3 Transport hazard class

ADR / RID / IMDG-Code / IATA-Dangerous Goods Regulations

14.4 Packing group

14.5 **Environmental hazards**

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Label environmentally hazardous substances

ADR / RID / IMDG-Code: no

IATA-DGR: no

14.6 Special precautions for user

- '

14.7 Maritime transport in bulk according to IMO instruments

Pollution category (X, Y or Z): not classified

Ship type (1, 2 or 3): not classified

15. Regulatory information

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

Water hazard class according to AwSV:

Class 1, slightly hazardous to water.

Chemicals Ordinance (ChemO) SR 813.11:

Group according to Art. 61 ChemO: Group 2

Major Accident Ordinance (MAO) SR 814.012: Quantity threshold according to MAO: 20'000 kg

Guidelines to the WBF-Ordinance on Hazardous Work for Young Persons (SR 822.115.2):

Product is classified as Skin Corr. 1B, H314, and Resp. Sens. 1, H334. Young people undergoing basic vocational training may only work with this product (substance/preparation) if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not undergoing any basic vocational training are not permitted to work with this product (substance/preparation). Young people with a Federal vocational education and training (VET) Certificate or a Federal VET Diploma may carry out hazardous work with this product (substance/preparation) within the profession they have learned. Male and female employees who are under 18 years old are classed as young people.

Maternity Protection Ordinance SR 822.111.52:

No restrictions

Restrictions according to Chemical Risk Reduction Ordinance (ORRChem) SR 814.81:

Liquid detergent (annexe 2.2).

Ingredients, 64812004/EG: 5 - <15 % anionic surfactants; 15 - <30 % non-ionic surfactants; 5 - <15 % soap; preservation agents; enzymes

VOC-Ordinance (OVOC) SR 814.018:

VOC-content: 0%.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for this product by the supplier.

16. Other information

Changes made since last edition

Update classification. Actualisation of MSDS, all sections.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par route

AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen vom 18. April 2017.

CAS: Chemical Abstracts Service

ChemO: Ordinance on Protection against Dangerous Substances and Preparations SR 813.11

CLP: Classification, Labelling and Packaging of Chemicals

EC: effect concentration

FDHA: Federal Department of Home Affairs

ECHA: European Chemicals Agency

FOEN: Federal Office for the Environment

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

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IMDG: International Maritime Code for Dangerous Goods

IUCLID: International Uniform Chemical Information Database, ECHA.

LC: lethal concentration

LD: lethal dose

MAC: maximum admissible concentration at workplace

MAO: Ordinance on Protection against Major Accidents SR 814.012

NOEC: No Observed Effect Concentration

OVOC: Ordinance on the Incentive Tax on Volatile Organic Compounds SR 814.018

PBT: persistent, bioaccumulative, toxic

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

vPvB: very persistent, very bioaccumulative

VOC: volatile organic compounds

ORRChem: Ordinance on the Reduction of Risks relating to the Use of Certain Particularly Dangerous Substances,

Preparations and Articles SR 814.81 STEL: Short term exposure limit WPO: Waters Protection Ordinance

Key literature references and sources of data

Gestis Online Database.

ECHA Online Database.

SUVA Maximum Workplace Concentration Database

MSDS Liquid detergent IEC L, China Standardization Technology Service (Qingdao) Co. Ltd., Dec. 2020.

MSDS ECOSURF LFE-1410 surfactant, Dow, 12.10.2018

MSDS Distillated palm kernel oil fatty acid, Wilmar (China) Oleo Co., Ltd., 2019-02-01.

MSDS Lutensol A9N Iconol, BYC ERC (China, Nanjing), 17.11.2011

Methods in accordance with article 9 of Regulation (EC) No 1272/2008 [CLP] applied for the evaluation of hazard information for substances and mixtures:

Additivity principle according to Annex 1, 3.3.3.3; Calculation methods according to Annex 1, 2.6.4.3.

Full text of Statements referred to under sections 2 - 15:

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H310: Fatal in contact with skin.

H312: Harmful in contact with skin.

H330: Fatal if inhaled.

H332: Harmful if inhaled.

H314: Causes severe skin burns.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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.

EUH208: Contains 5-Chloro-2-methyl-isothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one (3:1). May produce an allergic reaction.

P270 Do not eat, drink or smoke when using this product

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water.

P305 + P351 + P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P405 Store locked up.

Training instructions

Employees must be regularly trained in the safe handling of the products based on the information in the safety data sheet and the local conditions of the workplace. National regulations on the training of employees in the handling of hazardous substances must be observed.

Further information

The information in this Safety Data Sheet is based on our current knowledge and complies with national and EU regulations. However, we have no control over the specific working conditions of the user. The user is responsible for ensuring compliance with all applicable legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute a guarantee of product properties.

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