

SAFETY DATA SHEET



Product name: Clean Wash X
Supersedes date: 2018-05-23
Product No.: 24350

Page: 1/11
Last revised date: 2019-11-27
SDS-ID: EU-EN/5.1

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

1.1. Product identifier

Product name: Clean Wash X

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

Application: Multi purpose degreaser.

1.3. Söluaðili Olís ehf.
Skútuvogur 5
104 Reykjavík
Sími: 515 1000
Netfang: olis@olis.is
Veffang: www.olis.is

1.4. Neyðarsímanúmer
Neyðarlínan: 112
Eitrunarmiðstöð LSH: 543 2222

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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP: STOT RE 1;H372 - Asp. Tox. 1;H304

2.2. Label elements



Danger

Contains: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

H304 May be fatal if swallowed and enters airways.
H372 Causes damage to organs through prolonged or repeated exposure.
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P260 Do not breathe vapour/spray.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of content/container in accordance with local, regional, national and international regulations.

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

PBT/vPvB: This product does not contain any PBT or vPvB substances.

Other: Detergent Labelling: More than 30%: aliphatic hydrocarbons. Less than 5%: non-ionic surfactants, anionic surfactants, Aromatic hydrocarbons.

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. The product is combustible, but not flammable. Degreasing to skin. Not classified as dangerous to the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

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CLP:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
60-80	-	926-141-6	-	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Asp. Tox. 1;H304	
15-<25	-	919-164-8	-	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	STOT RE 1;H372 Asp. Tox. 1;H304 Aquatic Chronic 3;H412	

References: The full text for all hazard statements is displayed in section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Move into fresh air and keep at rest. In case of persistent throat irritation or coughing: Seek medical attention and bring along these instructions.

Skin contact: Remove contaminated clothing immediately and rinse skin with rinsing cream. After this, apply a fatty cream. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

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

Symptoms/effects: Be aware that symptoms of chemical pneumonia may occur several hours after exposure. (Coughing, chest tightness, feeling of chest pressure.) Causes damage to organs through prolonged or repeated exposure. Repeated exposure may cause skin dryness or cracking. See section 11 for more detailed information on health effects and symptoms.

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

Medical attention/treatments: Treat symptomatically.

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SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Small fires: Extinguish with carbon dioxide or dry powder.
Larger fires: Extinguish with foam, carbon dioxide or dry powder.
Do not use water jet as an extinguisher, as this will spread the fire.

Cool containers exposed to heat with water spray and remove container, if no risk is involved.

5.2. Special hazards arising from the substance or mixture

Specific hazards: During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation of vapours and contact with skin and eyes. Follow precautions for safe handling described in this safety data sheet.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains, water courses or onto the ground. Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Absorb spillage with non-combustible, absorbing material.

6.4. Reference to other sections

References: For personal protection, see section 8.
For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling advice: Observe good chemical hygiene practices. Avoid inhalation of vapours and contact with skin and eyes.

Technical measures: Use work methods which minimise oil mist production.

Technical precautions: Mechanical ventilation may be required.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: Follow rules for flammable liquids.

Storage conditions: Store in tightly closed original container in a well-ventilated place. Protect from direct sunlight and moisture. Do not store near heat sources or expose to high temperatures. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

7.3. Specific end use(s)

Specific use(s): Not relevant.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No occupational exposure limit assigned.

Please note that there may be national occupational exposure limits.

8.2. Exposure controls

<u>Engineering measures:</u>	Provide adequate ventilation. Minimize the risk of inhalation of vapours. Provide access to washing facilities incl. soap, skin cleanser and fatty cream.
<u>Personal protection:</u>	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
<u>Respiratory equipment:</u>	In case of inadequate ventilation use suitable respirator. It is recommended to use respiratory equipment with combination filter, type A2/P3.
<u>Hand protection:</u>	Wear protective gloves. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier.
<u>Eye protection:</u>	Risk of contact: Wear goggles/face shield.
<u>Skin protection:</u>	Wear apron or protective clothing in case of splashes.
<u>Hygiene measures:</u>	Wash hands after handling. Wash contaminated clothing before reuse.
<u>Environmental Exposure Controls:</u>	Not available.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Liquid.

Colour: Clear./Yellowish.

Odour: Solvent.

pH: Not available.

Melting point / freezing point: < 0°C

Initial boiling point and boiling range: 175 - 250°C

Flash point: > 61°C

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Explosion limits: No data available.

Vapour pressure: < 1 kPa

Vapour density: No data available.

Relative density: ~ 0,81 g/cm³

Solubility: Soluble in: Organic solvents.

Partition coefficient (n-octanol/water): No data available.

Auto-ignition temperature (°C): > 200°C

Decomposition temperature (°C): No data available.

9.2. Other information

Other data: Kinematic viscosity: < 20 mm²/s

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: Stable.

10.2. Chemical stability

Stability: Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Hazardous Reactions: None known.

10.4. Conditions to avoid

Conditions/materials to avoid: Keep away from heat, sparks and open flame.

10.5. Incompatible materials

Incompatible materials: Strong oxidizing substances.

10.6. Hazardous decomposition products

Hazardous decomposition products: None in particular.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity (Oral): Based on available data, the classification criteria are not met.

Acute Toxicity (Dermal): Based on available data, the classification criteria are not met.

Acute Toxicity (Inhalation): Based on available data, the classification criteria are not met.

Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

STOT - Single exposure: Based on available data, the classification criteria are not met.

STOT - Repeated exposure: Causes damage to organs through prolonged or repeated exposure.

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

Inhalation: Vapours may irritate throat and respiratory system and cause coughing. The product contains organic solvents. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

Skin contact: Degreasing. Repeated exposure may cause skin dryness or cracking.

Eye contact: Splashes may irritate.

Ingestion: Low order of acute toxicity, but aspiration following ingestion and vomiting may cause severe and potentially fatal chemical pneumonitis. May cause irritation. May be absorbed in the body and cause dizziness, nausea and vomiting.

Specific effects: Prolonged or frequent inhalation of vapours in high concentrations may cause permanent damage to the nervous system, including the brain.

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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity:

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics:
Acute toxicity:
LC50 (Fish, 96h): >100 mg/l
EC50 (Daphnia, 48 h): >100 mg/l
IC50 (Algae): >100 mg/l

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%):
Acute toxicity:
LC50 (Fish, 96h): 10-100 mg/l
EC50 (Daphnia, 48 h): >100 mg/l
IC50 (Algae): 10-100 mg/l

12.2. Persistence and degradability

Degradability: The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics:
BOD > 60%
The product is expected to be easily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics:
LogPow: 6-8,2

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%):
LogPow: 2-7

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB: This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Other adverse effects: Not classified as dangerous to the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: If recycling is not possible, dispose of in compliance with local regulations.
EWC-code: 07 06 04

Empty packaging: Recover and reclaim or recycle, if practical.

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SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

UN-No: -

14.2. UN proper shipping name

Proper Shipping Name: -

14.3. Transport hazard class(es)

Class: -

14.4. Packing group

PG: -

14.5. Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

14.6. Special precautions for user

Special precautions: None known.

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

Transport in bulk: Not relevant.

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SECTION 15: REGULATORY INFORMATION

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

Special provisions: Detergent Labelling: More than 30%: aliphatic hydrocarbons. Less than 5%: non-ionic surfactants, anionic surfactants, Aromatic hydrocarbons.

National regulation: 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, with amendments.
Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work, with amendments.
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, with amendments.
Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work, with amendments.
Directive 2004/37/EC of the European Parliament and of the Council of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work, with amendments.
Directive 2009/148/EC of the European Parliament and of the Council of 30 November 2009 on the protection of workers from the risks related to exposure to asbestos at work.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents, with amendments.
Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, with amendments.
2014/955/EC: Commission Decision of 18 December 2014 amending Decision 2000/532/EC as regards the list of wastes.

15.2. Chemical Safety Assessment

CSA status: No chemical safety assessment has been carried out.

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SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 1.

Abbreviations and acronyms used in the safety data sheet: CSA= Chemical Safety Assessment.
PBT = Persistent, Bioaccumulative and Toxic.
vPvB = very Persistent and very Bioaccumulative.

Additional information: Classification according to Regulation (EC) No. 1272/2008:
Calculation method.

Wording of H-statements:

H304	May be fatal if swallowed and enters airways.
H372	Causes damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.
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