

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Exterior Wash-in Oil

Product no.

-

REACH registration number

Not applicable

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

Relevant identified uses of the substance or mixture

Surface treatment of wood outdoors

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

WOCA Denmark A/S

Tvæervej 6

6640 Lunderskov

Denmark

Tel: +45 99585600

Fax: +45 99585636

Contact person

JLH

E-mail

info@wocadenmark.com

SDS date

2018-08-07

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Eye Irrit. 2; H319

Aquatic Chronic 3; H412

See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)**Signal word**

Warning

Hazard statement(s)

Causes serious eye irritation. (H319)
Harmful to aquatic life with long lasting effects. (H412)

Safety statement(s)

General If medical advice is needed, have product container or label at hand. (P101).
Keep out of reach of children. (P102).
Prevention Wash hands/exposed skin thoroughly after handling. (P264).
Wear eye protection. (P280).
Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).
Storage -
Disposal Dispose of contents/container to an approved waste disposal plant. (P501).

Identity of the substances primarily responsible for the major health hazards

Not applicable

2.3. Other hazards

Contains drying oils. Risk of self-ignition. Spills, soiled rags, etc. must be contained, stored in fire-proof waste containers and then destroyed.

Additional labelling

Contains 3-iod-2-propynylbutylcarbamate, octhiline (ISO) 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction. (EUH208).

Additional warnings

Not applicable

VOC

VOC-MAX: 30 g/l, MAXIMUM VOC CONTENT (-): (fra 1.1.2010) g/l.

SECTION 3: Composition/information on ingredients**3.1/3.2. Substances/Mixtures**

NAME: Poly,ethylene,oxide,mono-2-propylheptyl,ether
IDENTIFICATION NOS.: CAS-no: 160875-66-1
CONTENT: 2.5 - <5%
CLP CLASSIFICATION: Acute Tox. 4, Eye Dam. 1
H302, H318

NAME: Naphtha (petroleum), hydrotreated heavy
IDENTIFICATION NOS.: CAS-no: 64742-48-9 REACH-no: 01-2119457273-39
CONTENT: 1 - <2.5%
CLP CLASSIFICATION: Asp. Tox. 1
H304, EUH066
NOTE: S

NAME: 3-iod-2-propynylbutylcarbamate
IDENTIFICATION NOS.: CAS-no: 55406-53-6 EC-no: 259-627-5 Index-no: 616-212-00-7
CONTENT: 0.1 - <0.25%
CLP CLASSIFICATION: Acute Tox. 4, Skin Sens. 1B, Eye Dam. 1, Acute Tox. 3, STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1
H302, H317, H318, H331, H372, H400, H410 (M-acute = 10) (M-chronic = 1)

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

S = Organic solvent

Other information

ATEmix(inhale, vapour) > 20
ATEmix(dermal) > 2000
ATEmix(oral) > 2000
Eye Cat. 2 Sum = $\sum(Ci/S(G)CLi) = 2,016 - 3,024$
N chronic (CAT 3) Sum = $\sum(Ci/(M(chronic))^i*25)*0.1*10^4CATi) = 2,256 - 3,384$
N acute (CAT 1) Sum = $\sum(Ci/M(acute))^i*25) = 0,09024 - 0,13536$

Detergent:
< 5%: NON-IONIC SURFACTANTS

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure to flush under the upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

This product contains substances that may trigger an allergic reaction to predisposed persons. Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned: Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Nothing special

5.3. Advice for firefighters

No specific requirements.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Due to the danger of self-ignition, any waste from the product (spills, soiled rags etc.) are to be kept in a fire-proof place in air-tight containers, alternatively the waste can be burned. Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

Not determined

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

DNEL / PNEC

No data available

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Observe general occupational hygiene standards.

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

Dedicated work clothing should be worn.

Hand protection

Recommended: Nitrile rubber. See the manufacturer's instructions.

Eye protection

Wear safety glasses with side shields.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Yellowish
Odour	Faint
Odour threshold (ppm)	Not determined
pH	Not determined
Viscosity (40°C)	Not determined
Density (g/cm ³)	0,99-1,01

Phase changes

Melting point (°C)	Not determined
Boiling point (°C)	Not determined
Vapour pressure	Not determined
Decomposition temperature (°C)	Not determined
Evaporation rate (n-butylacetate = 100)	Not determined

Data on fire and explosion hazards

Flash point (°C)	Not determined
Ignition (°C)	Not determined
Auto flammability (°C)	Not determined
Explosion limits (% v/v)	Not determined
Explosive properties	Not determined

Solubility

Solubility in water	Insoluble
n-octanol/water coefficient	Not determined

9.2. Other information

Solubility in fat (g/L)	Not determined
-------------------------	----------------

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance: 3-iod-2-propynylbutylcarbamate
 Species: Rat
 Test: LD50
 Route of exposure: Dermal
 Result: > 2000 mg/kg

Substance: 3-iod-2-propynylbutylcarbamate
 Species: Rat
 Test: LD50
 Route of exposure: Oral
 Result: 300 - 500 mg/kg

Substance: 3-iod-2-propynylbutylcarbamate
 Species: Rat
 Test: LC50

According to EC-Regulation 2015/830

Route of exposure: Inhalation
Result: 6,89 mg/l (4 timer)

Substance: Naphtha (petroleum), hydrotreated heavy
Species: Rat
Test: LD50
Route of exposure: Oral
Result: >5000mg/kg

Substance: Naphtha (petroleum), hydrotreated heavy
Species: Rat
Test: LD50
Route of exposure: Dermal
Result: >2000mg/kg

Substance: Naphtha (petroleum), hydrotreated heavy
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: >5000mg/m³/4h

Substance: Poly,ethylene,oxide,mono-2-propylheptyl,ether
Species: Rat
Test: LD50
Route of exposure: Oral
Result: >300-2000 mg/kg

Skin corrosion/irritation

Data on substance: 3-iod-2-propynylbutylcarbamate

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

This product contains substances that may trigger an allergic reaction to predisposed persons.

Germ cell mutagenicity

Not determined

Carcinogenicity

Not determined

Reproductive toxicity

Not determined

STOT-single exposure

Not determined

STOT-repeated exposure

Not determined

Aspiration hazard

Not determined

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

SECTION 12: Ecological information

12.1. Toxicity

Substance: 3-iod-2-propynylbutylcarbamate
Species: Fish
Test: LC50
Duration: 96 h
Result: 0,43 mg/l

Substance: 3-iod-2-propynylbutylcarbamate
Species: Daphnia
Test: EC50
Duration: 48 h
Result: 0,21 mg/l

Substance: 3-iod-2-propynylbutylcarbamate
Species: Algae
Test: EC50
Duration: 72 h
Result: 0,022 mg/l

Substance: Naphtha (petroleum), hydrotreated heavy
 Species: Fish
 Test: LL50
 Duration: 96h
 Result: >1000mg/l

Substance: Naphtha (petroleum), hydrotreated heavy
 Species: Daphnia
 Test: EL50
 Duration: 48h
 Result: >1000mg/l

Substance: Naphtha (petroleum), hydrotreated heavy
 Species: Algae
 Test: EL50
 Duration: 72h
 Result: >1000mg/l

Substance: Poly,ethylene,oxide,mono-2-propylheptyl,ether
 Species: Fish
 Test: LC50
 Duration: 96 h
 Result: >10-100mg/l

Substance: Poly,ethylene,oxide,mono-2-propylheptyl,ether
 Species: Algae
 Test: EC50
 Duration: 72 h
 Result: >10-100mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Not determined			

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
3-iod-2-propynylbutylcarbamate	No	4	4,5

12.4. Mobility in soil

3-iod-2-propynylbutylcarbamate: Log Koc= 3,246 (Moderate mobility potential.).

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment,

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

Waste

EWC code

-

Specific labelling

-

Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

ADR/RID

14.1. UN number	-
14.2. UN proper shipping name	-
14.3. Transport hazard class(es)	-
14.4. Packing group	-
Notes	-
Tunnel restriction code	-

IMDG

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
EmS	-
MP**	-
Hazardous constituent	-

IATA/ICAO

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

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

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Demands for specific education

-

Additional information

Not applicable The surfactant(s) contained in this preparation 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.

Seveso

-

Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
 Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.
 Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

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 (CLP).
EC regulation 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H331 - Toxic if inhaled.

H372 - Causes damage to organs through prolonged or repeated exposure.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

EUH066 - Repeated exposure may cause skin dryness or cracking.

The full text of identified uses as mentioned in section 1

-

Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

JLH

Date of last essential change (First cipher in SDS version)

-

Date of last minor change (Last cipher in SDS version)

-