



Safety Data Sheet

Pressure-impregnated Timber class AB with CX-8, MR TREOLJE with pigment

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

1.1. Product identifier

Product name: Pressure-impregnated Timber class AB with CX-8, MR TREOLJE with pigment

1.2. Relevant, identified applications for the subject or mixture, and unsuitable applications

Relevant, identified applications

Standard calculations

Use of the substance/mixture: Timber

Unsuitable uses

No further information available

1.3. Details on supplier of the safety data sheet

MøreTre AS
Industriveien
6650 Surnadal
T +47-71 65 79 30 - F +47- 71 65 79 20
[Email: post.moreroyal@talgo.no](mailto:post.moreroyal@talgo.no)

Contact: Bjørnar Brøske (bjornar.brøske@talgo.no)

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency telephone
Norway	Giftinformasjonen Directorate of Health and Social Affairs	P.O. Box 7000, St. Olavs Plass 0130 Oslo	112/ +47 22 59 13 00 www.giftinfo.no

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of substance or mixture

Classification according to EU regulation no. 1272/2008 [CLP]

Unclassified

2.2. Labelling elements

Labelling according to EU regulation no. 1272/2008 [CLP] Labelling unnecessary

2.3. Other hazards

Other hazards that do not contribute to classification: Dust from the product can cause irritation of the respiratory tracts if inhaled in large quantities. Such dust can cause painful irritation of the eyes and tear production.

This substance/mixture does not fulfil the PBT criteria of the REACH regulation, Annex

XIII This substance/mixture does not fulfil the PBT criteria of the vPvB criteria in the

REACH regulation, Annex XIII

SECTION 3: COMPOSITION/DETAILS OF COMPOSITE ELEMENTS

3.1. Substances

Not usable

3.2. Substance mixtures

Comments: This product contains several ingredients that either are not subject to mandatory classification, or are present in such small quantities that they do not need to be declared according to the regulations.

Name	Product identifier	%	Classification according to EU regulation no. 1272/2008 [CLP]
wood	(REACH no.) N/A	60 - 100	Unclassified

SECTION 4: FIRST AID

4.1. Description of first aid required

FIRST AID (general): Do not give the victim anything to drink if unconscious. In the event of illness, seek medical help (show label if possible).

FIRST AID (after inhalation): If wood dust is inhaled: Fresh air and rest. Seek medical help if symptoms recede.

FIRST AID (after skin contact): Remove soiled clothes and wash exposed skin with mild soapy water. Rinse off with warm water.

FIRST AID after contact with eyes: Rinse immediately with copious water. Seek medical help in the event of persistent pain or redness.

FIRST AID after ingestion: Rinse mouth. DO NOT provoke vomiting. Seek medical help immediately.

4.2. Main symptoms and effects (acute and delayed)

Symptoms/effects from inhalation: Dust from the product can cause irritation of the respiratory tracts.

Symptoms/effects from skin contact: Dust can cause mechanical irritation.

Symptoms/effects from contact with eyes: Dust from the product can cause irritation of the eyes.

Chronic symptoms: Long-term inhalation of high concentrations can damage the respiratory tracts.

4.3. Indication of whether immediate medical help and special treatment are necessary

Treat symptomatically. If in doubt, or if symptoms persist, seek medical help.

SECTION 5: FIRE EXTINGUISHING

5.1. Fire extinguishers

Suitable fire extinguishers: Use the right substances to combat fires. Large quantities of water.

5.2. Special hazards linked to the substance or mixture

Fire hazard: Non-flammable.

Explosion hazard: Product is not explosive.

Dangerous by-products from fire: smoke Carbon oxides (CO, CO₂). Copper.

5.3. Advice for firefighters

Instructions for extinguishing fires: Use water spray or mist to cool down exposed containers. Be careful if combating chemical fires! Avoid water used for firefighting from getting into the environment.

Protection during firefighting: Do not enter a fire area without appropriate personal protection, including oxygen-supplied respirator.

SECTION 6: ACTIONS IN THE EVENT OF ACCIDENTAL DISCHARGE

6.1. Personal precautions, personal protective equipment and emergency procedures

General precautions: Use the necessary protective equipment – see section 8. Avoid raising dust. Avoid inhaling dust.

Non-emergency personnel

Emergency procedures: Keep unnecessary personnel out of the area.

Emergency personnel

No further information available

6.2. Precautions with regard to the environment

Avoid discharge to the environment.

6.3. Methods and materials for clearing up and cleaning

Cleaning methods: Sweep or shovel up waste into a suitable container. Reduce the production of dust as much as possible. Store separately.

6.4. Reference to other sections

See section 8. Exposure control/personal protective equipment. Waste: see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling: Use the necessary protective equipment – see section 8. Ensure good ventilation of the workplace. Avoid raising dust. Avoid inhaling dust.

Hygienic precautions: Wash hands and any other exposed area with mild soapy water before eating, drinking, smoking or leaving work. Do not eat, drink or smoke when working with the product.

7.2. Conditions for safe storage, including any incompatibilities

Conditions for storage: Store in a well-ventilated place. Keep dry.

Incompatible materials: Sources of combustion.

7.3. Special final uses

Contact the supplier for any additional details.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT**8.1. Control parameters Exposure limits for other****components**

Wood dust from Nordic species, except oak and beech, total dust			
Norway	Limit values (AN) (mg/m ³)	2 mg/m ³	
Norway	Notes (NO)	K	

8.2. Exposure control

Suitable technical control mechanisms: Ensure good ventilation of the workplace.

Hand protection: Not required under normal circumstances. Wear suitable gloves to protect against mechanical irritation.

Eye protection: Protection against dust: close-fitting safety glasses. STANDARD EN 166.

Skin and body protection: Wear suitable clothing.

Respiration: Protection against dust: dust mask with P2 filter. Standard EN 143.

Other details: Do not eat, drink or smoke when working with the products. Wash hands and any other exposed area with mild soapy water before eating, drinking, smoking and before leaving work. Select personal protective equipment according to the CEN standard and in consultation with the supplier of such equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Details on the basic physical and chemical properties**

Form: Solid.

Colour: Green.

Smell: No characteristic smell.

Odour threshold: No data available.

pH value: No data available.

Relative evaporation speed (butyl acetate = 1) : No data available.

Melting point: No data available.

Freezing point: No data available.

Boiling point: No data available.

Flash point: No data available.

Combustion temperature: No data available.

Decay temperature: No data available.

Ignitability (solid, gas): Non-flammable.

Vapour pressure: No data available.

Relative vapour density at 20 °C : No data available.

Relative density: No data available.

Mass density: 480 g/cm³

Solubility: Soluble in water.

Log Pow: No data available.

Viscosity, kinematic: No data available.

Viscosity, dynamic: No data available.

Explosive properties: No data available.

Combustible properties: No data available.

Explosion limits: No data available.

9.2. Other details

No further information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable during normal usage.

10.3. Risk of dangerous reactions

Not known.

10.4. Conditions to be avoided

Avoid flames and sparks. Remove all sources of combustion.

10.5. Incompatible materials

Oxidation substances, reducing substances.

10.6. Hazardous degrading products

No degrading from normal use and storage. Formed in the event of fire or high temperatures: smoke. Carbon monoxide. Carbon dioxide. Copper.

SECTION 11: TOXICOLOGICAL DETAILS

11.1. Details of toxicological effects

Acutely toxic: Unclassified

Based on the available data, the classification criteria are not fulfilled

distillates (petroleum), hydro-treated heavy naphthenic base oil (64742-52-5)	
LD 50 oral rat	> 5000 mg/kg
LD50 skin, rabbit	> 5000 mg/kg
titanium dioxide (13463-67-7)	
LD 50 oral rat	> 100000 mg/kg
amorphous silica (7631-86-9)	
LD 50 oral rat	> 15000 mg/kg
LD50 skin, rabbit	> 2000 mg/kg
aluminium hydroxide (21645-51-2)	
LD 50 oral rat	> 5000 mg/kg
dimethyl adipate (627-93-0)	
LD 50 oral rat	8191 mg/kg
LD50 skin, rabbit	> 2250 mg/kg
dimethyl succinate (106-65-0)	
LD 50 oral rat	> 5000 mg/kg
LD50 skin, rabbit	> 5000 mg/kg
iron oxide (III) (1309-37-1)	
LD 50 oral rat	> 10000 mg/kg

Skin corrosion/irritation: Unclassified

Long-term contact can cause slight irritation

Serious eye damage/eye irritation: Unclassified

Dust from the product can cause irritation of

the eyes Sensitising from inhalation or skin contact: Unclassified

Based on the available data, the classification criteria are not fulfilled

Genetic damage, effect on reproductive cells: Unclassified

Based on the available data, the classification criteria are not fulfilled

Carcinogenic properties: Unclassified

Wood dust is not classified as carcinogenic, but action/limit value is stated as C (carcinogenic).

Toxicity for reproduction: Unclassified

Based on the available data, the classification criteria are not fulfilled

STOT – single exposure: Unclassified

Based on the available data, the classification criteria are not fulfilled

STOT – repeated exposure: Unclassified

Based on the available data, the classification criteria are not fulfilled

Aspiration hazard: Unclassified

Based on the available data, the classification criteria are not fulfilled

Possible harmful effects on humans and possible symptoms: : Based on the available data, the classification criteria are not fulfilled.

SECTION 12: ECOLOGICAL DETAILS

12.1. Toxicity

Ecology - general: The product is regarded as non-toxic for water-borne organisms and does not cause harmful long-term effects on the environment. The product contains hazardous elements for the aquatic environment. Discharge to the environment should be avoided.

titanium dioxide (13463-67-7)	
LC50 fish 1	> 1000 mg/l Fundulus heteroclitus
EC50 Daphnia 1	> 1000 mg/l (48 hours - Daphnia magna)
amorphous silica (7631-86-9)	
LC50 fish 1	5000 mg/l (96 hours - Brachydanio rerio, zebra fish)
EC50 Daphnia 1	7600 mg/l (48 hours - Ceriodaphnia dubia)
IC50 Algae	440 mg/l (IC50, 72 hours - Selenastrum capricornutum)
aluminium hydroxide (21645-51-2)	
EC50 Daphnia 1	> 100 mg/l EC50 48 hours - Daphnia magna [mg/l]
IC50 Algae	> 100 mg/l (IC50, 72 hours - Selenastrum capricornutum)
dimethyl adipate (627-93-0)	
LC50 fish 1	30.9 mg/l Lepomis macrochirus (Bluegill)
EC50 Daphnia 1	112 - 150 mg/l
dimethyl succinate (106-65-0)	
LC50 fish 1	10 - 100 mg/l
EC50 Daphnia 1	10 - 100 mg/l

12.2. Persistence and decay

Pressure-impregnated Timber class AB with CX-8, MR TREOLJE with pigment	
Persistence and decay	Biological degradable.
dimethyl adipate (627-93-0)	
Biological decay	97%

12.3. Bioaccumulation ability

Pressure-impregnated Timber class AB with CX-8, MR TREOLJE with pigment	
Bioaccumulation ability	No bioaccumulation is expected.
dimethyl adipate (627-93-0)	
Bioconcentration factor (BCF REACH)	1.23
Log Pow	0.65
dimethyl succinate (106-65-0)	
Bioconcentration factor (BCF REACH)	1.1 b
Log Pow	0.37

12.4. Mobility in soil

Pressure-impregnated Timber class AB with CX-8, MR TREOLJE with pigment	
Ecology - soil/ground	The product is water-soluble.

12.5. Results of PBT and vPvB evaluation

Pressure-impregnated Timber class AB with CX-8, MR TREOLJE with pigment	
This substance/mixture does not fulfil the PBT criteria in the REACH regulation, Annex XIII	
This substance/mixture does not fulfil the vPvT criteria in the REACH regulation, Annex XIII	

12.6. Other harmful effects

Other harmful effects: None known.

Additional information: Avoid discharge to the environment.

SECTION 13: DISPOSAL

13.1. Waste treatment methods

Regional legislation (waste): Non-hazardous waste. Content/container to be collected according to the approved waste collection service's sorting instructions.

Recommendation for disposal of product/packaging : To be collected according to appropriate local/national safety rules.

Additional information: The LoW code is for guidance only and depends on how the waste has been created. The final user must determine choice of correct code.

European List of Waste (LoW) code : 20 01 37* - wood that contains hazardous substances
03 01 04* - chips, shavings, stubs, wood, chipboard and veneer that contains hazardous substances

SECTION 14: TRANSPORTATION DETAILS

According to the requirements of ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
No hazardous items according to the transport provisions				
14.2. UN shipping name				
Not usable	Not usable	Not usable	Not usable	Not usable
14.3. Transport hazard class(es)				
Not usable	Not usable	Not usable	Not usable	Not usable
Not usable	Not usable	Not usable	Not usable	Not usable
14.4. Packaging group				
Not usable	Not usable	Not usable	Not usable	Not usable
14.5. Environmental hazards				
Harmful to the environment: No	Harmful to the environment: No Maritime pollution source: No	Harmful to the environment: No	Harmful to the environment: No	Harmful to the environment: No
There is no additional information available				

14.6. Special precautions for use

- Road transport

No data available.

- Sea transport

No data available.

- Air transport

No data available.

Rail transport

No data available.

14.7. Bulk transport according to Annex II in MARPOL 73/78 and the IBC rules

Not usable

SECTION 15: DETAILS ON THE RULES

15.1. Special provisions/special legislation on health, safety and the environment for the substance or substance mix, EU regulations

Contains no substances on the REACH candidate list

National regulations

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), 1272/2008/EC (CLP), 790/2009/EC. Regulation on action and limit values for physical and chemical factors in the working environment, and infection-risk groups for biological factors. Regulation on the recycling and processing of waste (the Waste Regulation). Transporting hazardous goods: ADR/RID, IMDG, IATA/ICAO.

15.2. Evaluation of chemical safety

No chemical safety evaluation has been performed

SECTION 16: OTHER DETAILS

Data sources: Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), 1272/2008/EC (CLP), 790/2009/EC. Regulation on action and limit values for physical and chemical factors in the working environment, and infection-risk groups for biological factors. Regulation on the recycling and processing of waste (the Waste Regulation). Transporting hazardous goods: ADR/RID, IMDG, IATA/ICAO.

Other details: None.

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Edited: 13.07.2018

Signature: K. Dyreskog

The details in this safety data sheet are based on our current knowledge, rules in force and national legislation. The information is based on the latest available data and only applies for the product's intended area of use.