



Finess Terrasolie Bangkirai (Decking oil Bankirai) [UNOFFICIAL DOCUMENT]

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 4-8-2016 Revision date: 4-8-2016 Supersedes: 21-1-2014 Version: 1.1

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

1.1. Product identifier

Product form : Mixture
Product name : Finess Terrasolie Bangkirai (Decking oil Bankirai)
[UNOFFICIAL DOCUMENT]
Product code : 15037060100
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public
Use of the substance/mixture : Bangkirai olie

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

S.P.S. BV
Zilverenberg 16
5234 GM 's-Hertogenbosch. - Nederland.
T +31 (0)73 642 27 10 - F +31 (0)73 642 60 95
info@spsbv.com - www.spsbv.com

Responsible formatting SDS

Mantech Nederland B.V.
Kobaltweg 7
5234 GN 's-Hertogenbosch - Nederland
T +31 (0)73 70 70 112 - F +31 (0)73 64 43 861
info@mantechbv.nl - www.mantechbv.nl

1.4. Emergency telephone number

Emergency number : SPS BV.: +31 73 642 27 10 [7:30 - 16:30]

NL - Nationaal Vergiftigingen Informatie Centrum (NVIC)
Emergency telephone (24 hours): +31 30 274 88 88
(Only for doctors to inform accidental poisoning)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3 H226
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336
Aspiration hazard, Category 1 H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02



GHS07



GHS08



GHS09

Signal word (CLP) : Danger

Hazardous ingredients : Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics

Hazard statements (CLP) : H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H336 - May cause drowsiness or dizziness

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Precautionary statements (CLP)	: H411 - Toxic to aquatic life with long lasting effects P261 - Avoid breathing dust, fume, gas, mist, spray, vapours P271 - Use only outdoors or in a well-ventilated area P273 - Avoid release to the environment P280 - Wear protective gloves, protective clothing, eye protection, face protection P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician P403+P233 - Store in a well-ventilated place. Keep container tightly closed P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children P501 - Dispose of contents/container to hazardous or special waste collection point
EUH-statements	: EUH066 - Repeated exposure may cause skin dryness or cracking EUH210 - Safety data sheet available on request
Security closing plug for children	: Applicable
Tactile warning	: Applicable

2.3. Other hazards

Other hazards not contributing to the classification : - Packaging with a child resistant fastening.
- Packaging with a tactile warning of danger.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics	(EC no) 919-446-0 (REACH-no) 01-2119458049-33	50 - 100	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
(2-methoxymethylethoxy)propanol substance with national workplace exposure limit(s) (BE, NL)	(CAS No) 34590-94-8 (EC no) 252-104-2 (REACH-no) 01-2119450011-60	1 - 2,5	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Clean preferably with a detergent - avoid use of solvents.
First-aid measures after eye contact	: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical advice.
First-aid measures after ingestion	: If swallowed, rinse mouth with water (only if the person is conscious). Seek immediate medical advice. Keep warm and in a quiet place. Do not induce vomiting without medical advice.

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

Symptoms/injuries : In all cases of doubt, or when symptoms persist, seek medical attention.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO₂), powder, alcohol-resistant foam, water spray.

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Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

5.3. Advice for firefighters

Precautionary measures fire : Cool closed containers exposed to fire with water.

Protection during firefighting : Use self-contained breathing apparatus when in close proximity to fire.

Other information : Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid ignition sources. Ventilate area. Do not breathe vapours.

6.1.2. For emergency responders

Emergency procedures : Avoid ignition sources. Ventilate area. Do not breathe vapours.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

Other information : Clean preferably with a detergent - avoid use of solvents.

6.4. Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Due to the organic solvents' content of the preparation: Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.

Precautions for safe handling : Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of dust, particulates and spray mist arising from the application of this preparation. Avoid inhalation of dust from sanding. For personal protection see Section 8. Never use pressure to empty : container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be:
- stored in purpose-built containers or in metal containers with tight-fitting self-closing lids or
- laid out flat in a single layer to dry or
- placed in a closed metal container soaked with water or
- washed out well with warm soapy water before disposal.
Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

Hygiene measures : Smoking, eating and drinking should be prohibited in application area.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep container tightly closed and dry.

Storage conditions : Observe the label precautions. Store in accordance with local/national regulations.

Storage temperature : 5 - 30 °C Store in dry, well-ventilated area.

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Heat and ignition sources	: Keep away from heat and direct sunlight.
Prohibitions on mixed storage	: Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
Storage area	: Prevent unauthorised access.
Special rules on packaging	: Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal protective equipment:

Protective goggles. Gloves. In case of inadequate ventilation wear respiratory protection.

Hand protection:

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. For prolonged contact, use rubber or neoprene gloves. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred

Eye protection:

Use safety eyewear designed to protect against splash of liquids

Skin and body protection:

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Every part of the skin which had contact with the product should have been washed thoroughly

Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light brown.
Odour	: No data available
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: < 55 °C DIN 53213
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available

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Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0,82 g/cm ³
Solubility	: Insoluble.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 11 Seconds DIN 53211; 4 mm
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content : (cat.A/f): 700 g/l (2010). This product contains max. 700 g/l VOC.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4. Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products.

10.5. Incompatible materials

See Heading 7.

10.6. Hazardous decomposition products

Such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : There are no data available on the preparation itself. Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008. See Sections 2 and 3 for details

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 4 ml/kg
LC50 inhalation rat (mg/l)	> 13,1 mg/l [4 hrs.]

Skin corrosion/irritation	: Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin pH: Not applicable
Serious eye damage/irritation	: The liquid splashed in the eyes may cause irritation and reversible damage pH: Not applicable
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

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Potential adverse human health effects and symptoms : Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The mixture has been assessed following the conventional method of the Regulation (EC) No. 1272/2008 [CLP] and is classified as dangerous for the environment. See Sections 2 and 3 for details.

(2-methoxymethylethoxy)propanol (34590-94-8)	
LC50 fish 1	> 10000 mg/l [96 h.] (Pimephales promelas)
EC50 Daphnia 1	> 100 mg/l [48 h.]
ErC50 (algae)	> 100 mg/l [72 h.]

12.2. Persistence and degradability

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Persistence and degradability	There are no data available on the preparation itself. May cause long-term adverse effects in the aquatic environment.

12.3. Bioaccumulative potential

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Log Pow	No data available
Log Kow	No data available
Bioaccumulative potential	There are no data available on the preparation itself.

(2-methoxymethylethoxy)propanol (34590-94-8)	
Log Pow	0,004 at 25 °C

12.4. Mobility in soil

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Ecology - soil	There are no data available on the preparation itself.

12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

Additional information : Product may not flow into sewer or superficial water

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Do not allow to enter drains or water courses.
Waste disposal recommendations : Dispose of this material and its container to hazardous or special waste collection point.
Additional information : Uncleaned packaging: Recommendation: Not completely empty packaging must be treated complying Directive 91/689/EEC.
European List of Waste (LoW) code : 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN







ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1263	1263	1263	Not applicable	Not applicable
14.2. UN proper shipping name				
PAINT / PAINT RELATED	PAINT	Paint	Not applicable	Not applicable

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ADR	IMDG	IATA	ADN	RID
MATERIAL				
Transport document description				
UN 1263 PAINT / PAINT RELATED MATERIAL, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1263 Paint, 3, III, ENVIRONMENTALLY HAZARDOUS		
14.3. Transport hazard class(es)				
3	3	3	Not applicable	Not applicable
 				
14.4. Packing group				
III	III	III	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
Turpentine substitute				

14.6. Special precautions for user

Special transport precautions : Transport within user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

- Overland transport

Transport category (ADR) : 3
Tunnel restriction code (ADR) : D/E

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

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

IBC code : Not applicable.
Ship type : Not determined.
Pollution category : Not determined.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC content : (cat.A/f): 700 g/l (2010). This product contains max. 700 g/l VOC.

Other information, restriction and prohibition regulations : Protection of motherhood (ARAB.RGTP art. 147). Protection young employees at the workplace (ARAB.RGTB art. 183). --. - Packaging with a child resistant fastening. - Packaging with an tactile warning of danger.

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15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

1.1	Product code	Modified	

Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
EUH066	Repeated exposure may cause skin dryness or cracking
EUH210	Safety data sheet available on request

SDS EU (REACH bijlage II) [NIET VOOR UITGIFTE]

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product